

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083884.D
 Acq On : 14 Sep 2024 12:44
 Operator : JC\MD
 Sample : VN0914WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Quant Time: Sep 16 01:32:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	138715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110106	52.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.280%	
35) Dibromofluoromethane	8.165	113	80672	51.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	10.565	98	285790	53.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.847	95	105095	47.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32663	20.276	ug/l	99
3) Chloromethane	2.365	50	35622	20.567	ug/l	94
4) Vinyl Chloride	2.518	62	35216	19.944	ug/l	97
5) Bromomethane	2.959	94	23621	23.299	ug/l	83
6) Chloroethane	3.124	64	24388	19.690	ug/l	97
7) Trichlorofluoromethane	3.500	101	59888	19.981	ug/l	95
8) Diethyl Ether	3.965	74	19662	19.570	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	32649	20.551	ug/l	97
10) Methyl Iodide	4.589	142	41166	20.374	ug/l	92
11) Tert butyl alcohol	5.524	59	31907	113.918	ug/l	99
12) 1,1-Dichloroethene	4.347	96	30087	20.053	ug/l	88
13) Acrolein	4.183	56	26114	94.495	ug/l	99
14) Allyl chloride	5.018	41	49367	18.466	ug/l	91
15) Acrylonitrile	5.718	53	83327	109.396	ug/l	99
16) Acetone	4.430	43	82835	98.792	ug/l	92
17) Carbon Disulfide	4.712	76	79576	18.961	ug/l	96
18) Methyl Acetate	5.024	43	40630	22.226	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	111426	20.523	ug/l	100
20) Methylene Chloride	5.277	84	34814	20.290	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	30870	19.199	ug/l	90
22) Diisopropyl ether	6.671	45	113958	20.707	ug/l	92
23) Vinyl Acetate	6.606	43	429683	106.617	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66207	20.882	ug/l	95
25) 2-Butanone	7.483	43	118843	107.838	ug/l	100
26) 2,2-Dichloropropane	7.494	77	55689	19.072	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	38492	20.166	ug/l	97
28) Bromochloromethane	7.812	49	30297	22.691	ug/l	94
29) Tetrahydrofuran	7.841	42	73469	112.746	ug/l	98
30) Chloroform	7.971	83	68174	20.254	ug/l	98
31) Cyclohexane	8.259	56	57225	18.930	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	63596	20.548	ug/l	95
36) 1,1-Dichloropropene	8.371	75	45592	19.466	ug/l	99
37) Ethyl Acetate	7.559	43	48352	22.743	ug/l	98
38) Carbon Tetrachloride	8.365	117	53178	20.013	ug/l	100
39) Methylcyclohexane	9.600	83	49505	18.569	ug/l	95
40) Benzene	8.606	78	141006	20.002	ug/l	99

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 ClientSampleId :
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Quant Time: Sep 16 01:32:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25468	20.254	ug/l	96
42) 1,2-Dichloroethane	8.671	62	55203	20.956	ug/l	99
43) Isopropyl Acetate	8.688	43	82416	21.392	ug/l	98
44) Trichloroethene	9.353	130	33711	20.650	ug/l	97
45) 1,2-Dichloropropane	9.618	63	34612	20.314	ug/l	100
46) Dibromomethane	9.706	93	25088	21.022	ug/l	98
47) Bromodichloromethane	9.888	83	54876	21.246	ug/l	98
48) Methyl methacrylate	9.676	41	39070	21.375	ug/l	97
49) 1,4-Dioxane	9.694	88	14384	478.370	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	242056	115.421	ug/l	98
52) Toluene	10.629	92	88618	20.551	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	53853	20.570	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	56204	20.438	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	33124	20.576	ug/l	97
56) Ethyl methacrylate	10.871	69	53193	21.477	ug/l	94
57) 1,3-Dichloropropane	11.165	76	58108	21.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	106243	119.048	ug/l	98
59) 2-Hexanone	11.194	43	177071	114.142	ug/l	98
60) Dibromochloromethane	11.359	129	39125	21.717	ug/l	99
61) 1,2-Dibromoethane	11.470	107	34066	21.219	ug/l	99
64) Tetrachloroethene	11.100	164	28601	19.873	ug/l	98
65) Chlorobenzene	11.894	112	95112	19.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33501	20.091	ug/l	99
67) Ethyl Benzene	11.965	91	169100	19.791	ug/l	97
68) m/p-Xylenes	12.070	106	125864	39.677	ug/l	100
69) o-Xylene	12.400	106	61242	19.942	ug/l	99
70) Styrene	12.412	104	101832	20.205	ug/l	99
71) Bromoform	12.576	173	24804	22.075	ug/l #	99
73) Isopropylbenzene	12.694	105	157394	20.040	ug/l	99
74) N-amyl acetate	12.494	43	71615	21.372	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	47439	20.557	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	63675	31.085	ug/l	62
77) Bromobenzene	12.976	156	36906	19.521	ug/l	99
78) n-propylbenzene	13.035	91	187915	20.564	ug/l	99
79) 2-Chlorotoluene	13.123	91	116639	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	133852	20.214	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	15236	19.481	ug/l	93
82) 4-Chlorotoluene	13.223	91	118499	20.262	ug/l	99
83) tert-Butylbenzene	13.435	119	114309	19.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	135957	20.440	ug/l	98
85) sec-Butylbenzene	13.617	105	158357	20.611	ug/l	99
86) p-Isopropyltoluene	13.729	119	129412	20.093	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67487	18.915	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	67247	18.614	ug/l	99
89) n-Butylbenzene	14.053	91	112795	19.506	ug/l	99
90) Hexachloroethane	14.335	117	24137	18.643	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65822	19.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10049	21.845	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33008	17.863	ug/l	99
94) Hexachlorobutadiene	15.500	225	14684	18.712	ug/l	99
95) Naphthalene	15.641	128	108187	19.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32659	18.494	ug/l	98

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MSVOA_N
ClientSampleId :
VN0914WBSD01

Quant Time: Sep 16 01:32:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

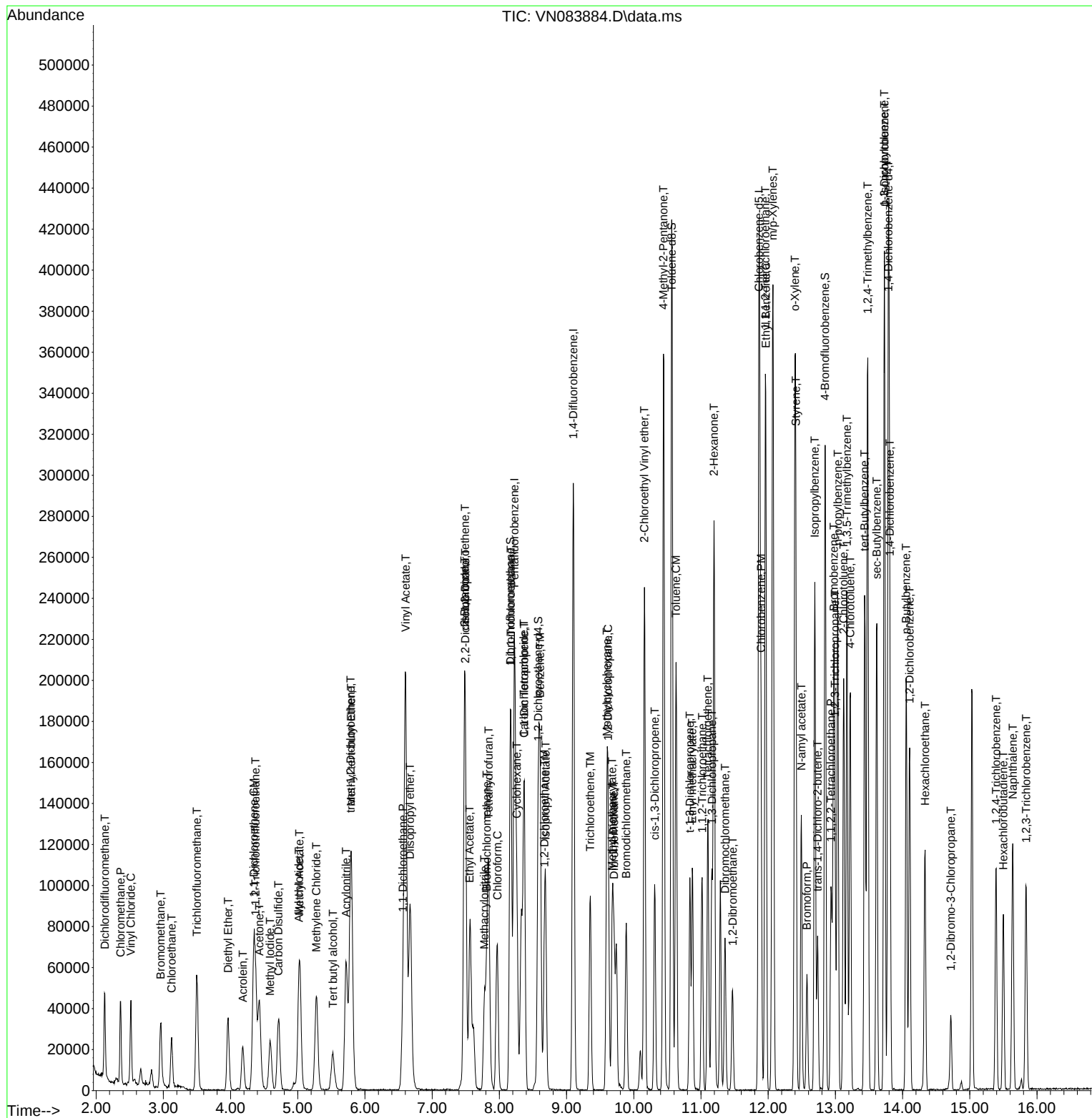
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VN0914WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
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 Quant Title : SW846 8260
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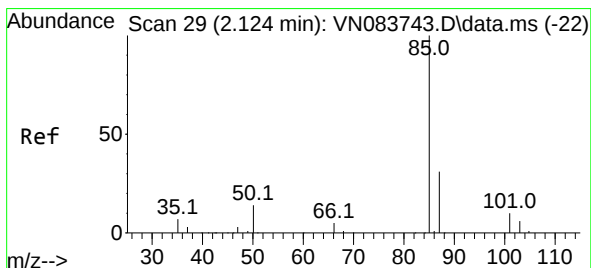
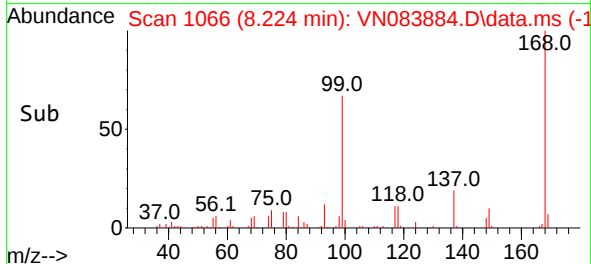
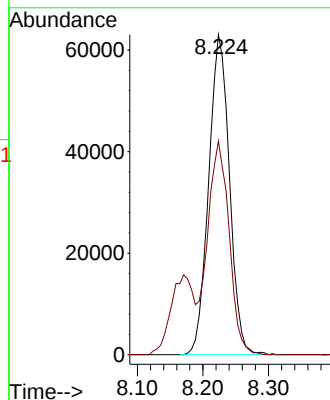
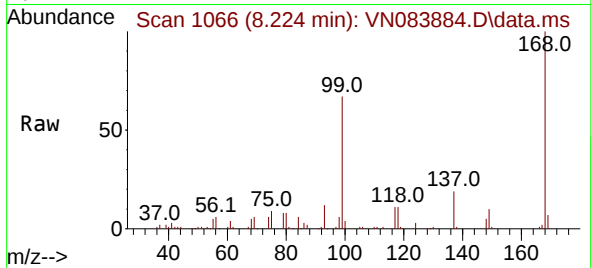




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

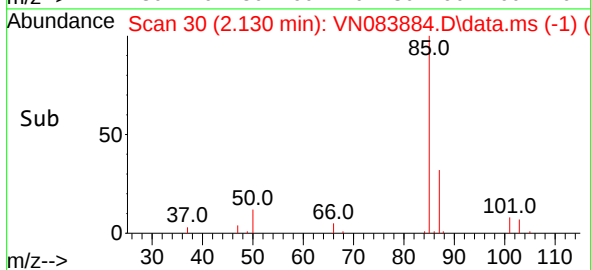
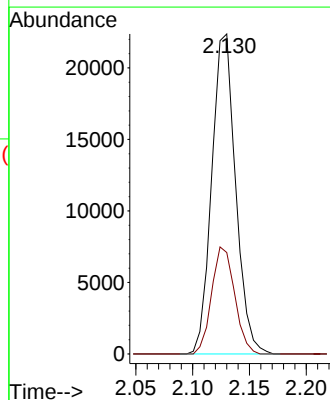
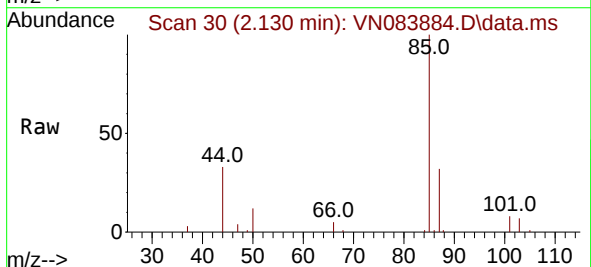
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

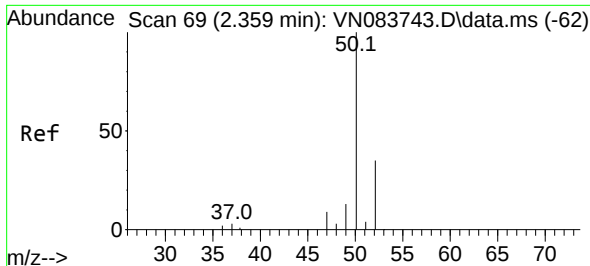
Tgt Ion:168 Resp: 138715
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 20.276 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 85 Resp: 32663
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3

Chloromethane

Concen: 20.567 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

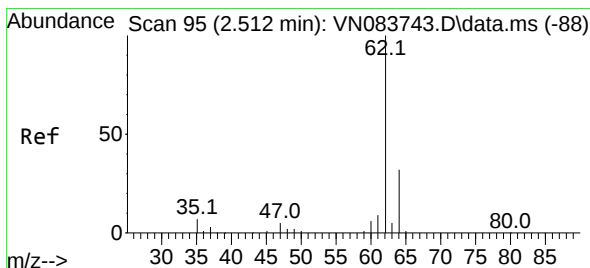
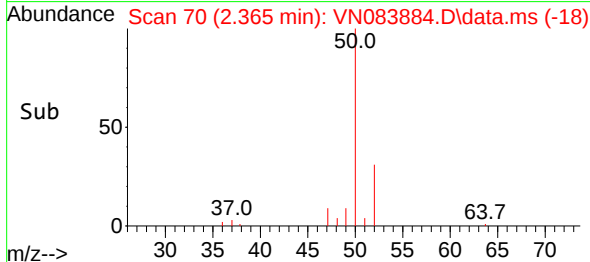
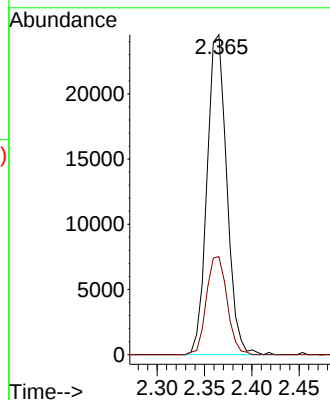
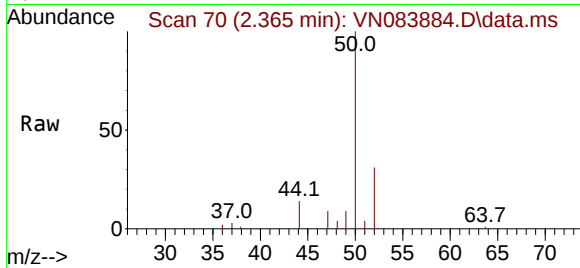
VN0914WBSD01

Tgt Ion: 50 Resp: 35622

Ion Ratio Lower Upper

50 100

52 30.6 27.2 40.8



#4

Vinyl Chloride

Concen: 19.944 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083884.D

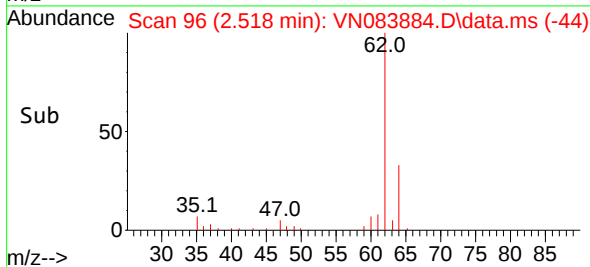
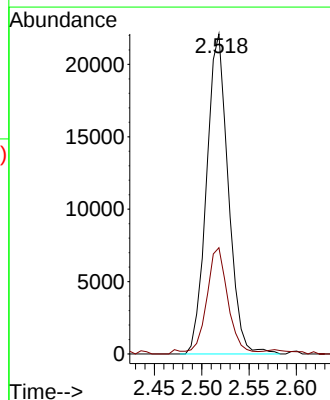
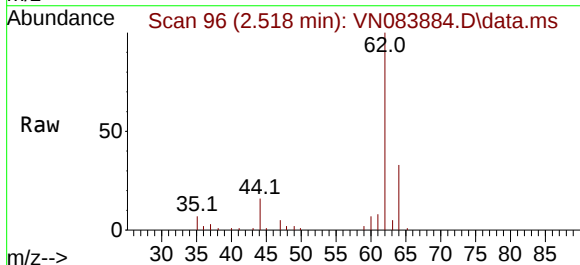
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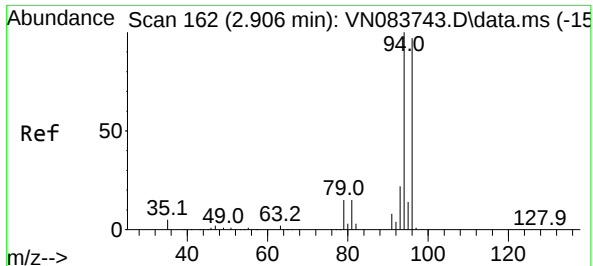
Tgt Ion: 62 Resp: 35216

Ion Ratio Lower Upper

62 100

64 32.3 24.7 37.1

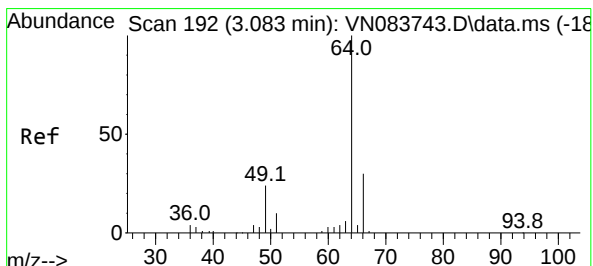
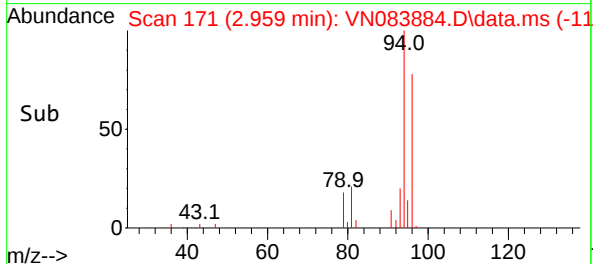
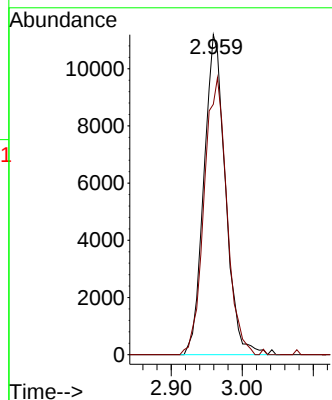
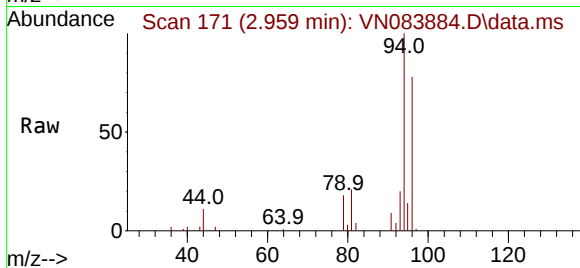




#5
Bromomethane
Concen: 23.299 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

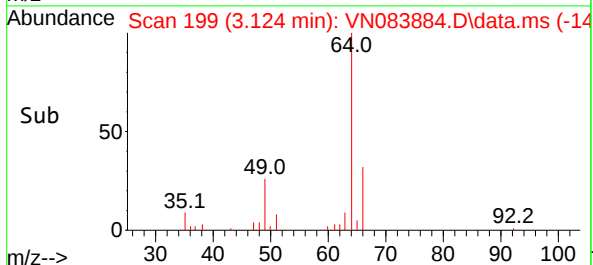
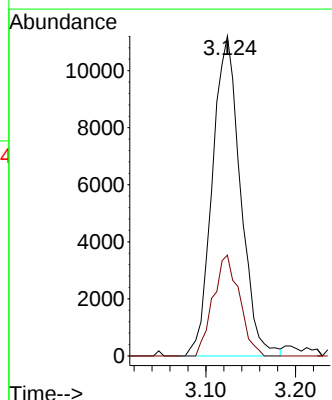
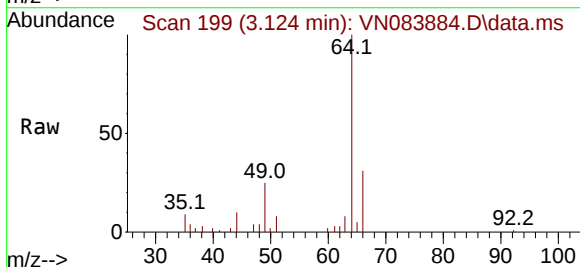
Instrument :
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VN0914WBSD01

Tgt Ion: 94 Resp: 23621
Ion Ratio Lower Upper
94 100
96 78.3 76.0 114.0



#6
Chloroethane
Concen: 19.690 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 64 Resp: 24388
Ion Ratio Lower Upper
64 100
66 31.5 23.9 35.9

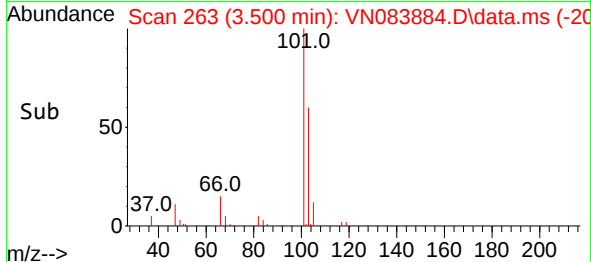
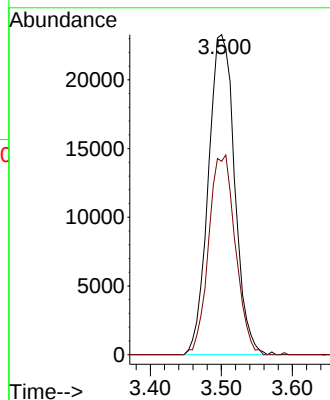
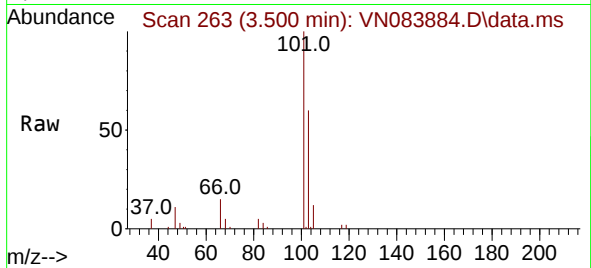




#7
Trichlorofluoromethane
Concen: 19.981 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.029 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

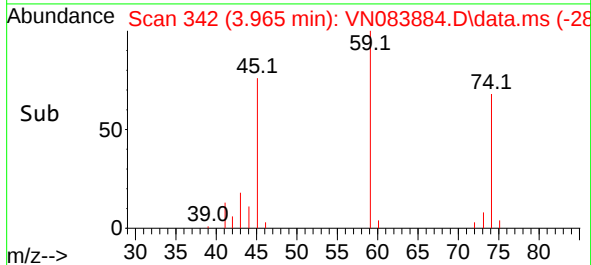
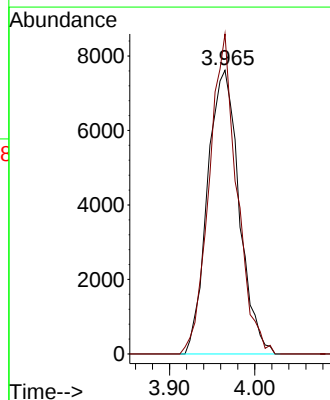
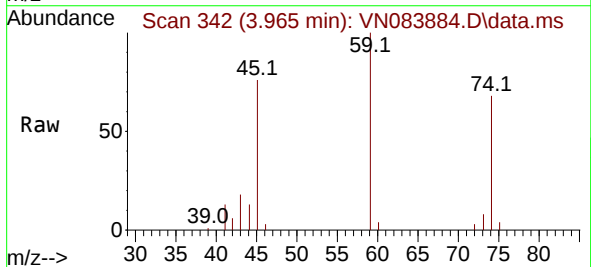
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:101 Resp: 59888
Ion Ratio Lower Upper
101 100
103 60.4 51.4 77.0



#8
Diethyl Ether
Concen: 19.570 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 74 Resp: 19662
Ion Ratio Lower Upper
74 100
45 98.9 46.7 140.1

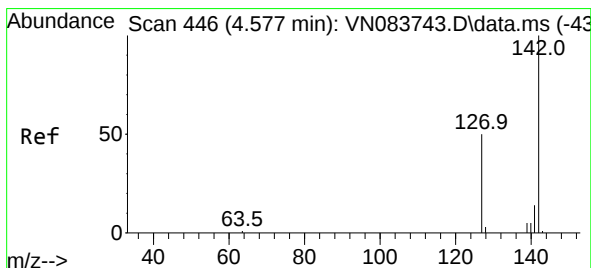
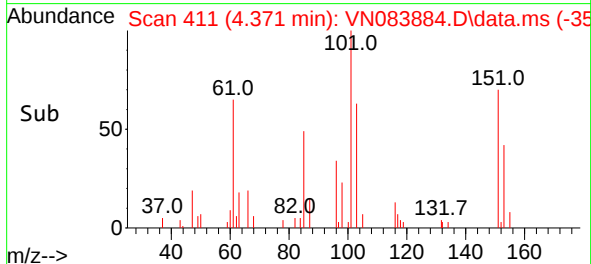
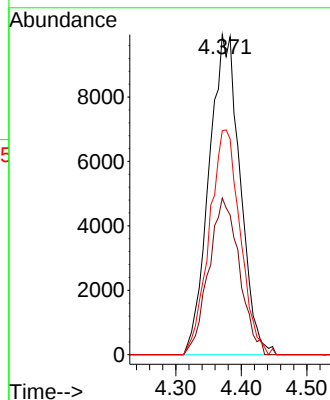
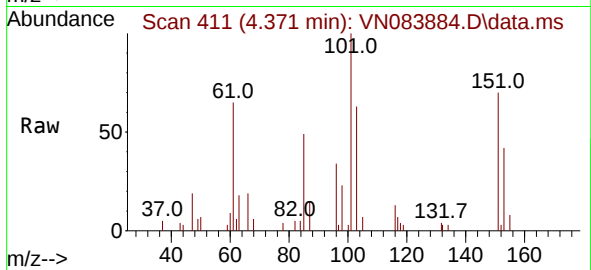




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.551 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

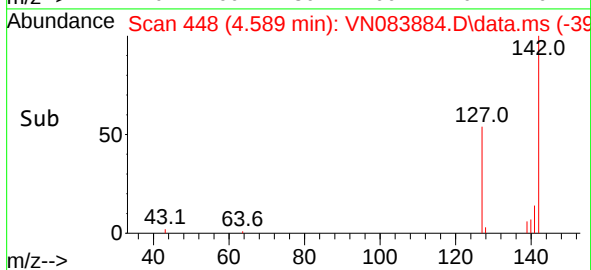
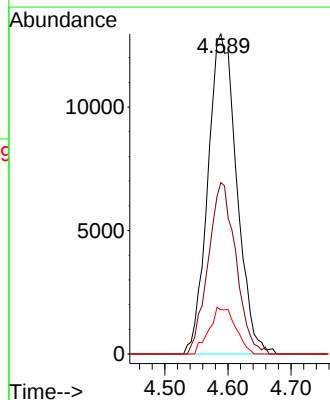
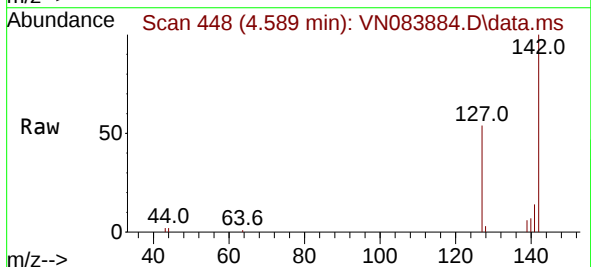
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:101 Resp: 32649
Ion Ratio Lower Upper
101 100
85 48.3 36.2 54.4
151 69.9 57.7 86.5



#10
Methyl Iodide
Concen: 20.374 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:142 Resp: 41166
Ion Ratio Lower Upper
142 100
127 53.6 37.5 56.3
141 13.8 11.0 16.4

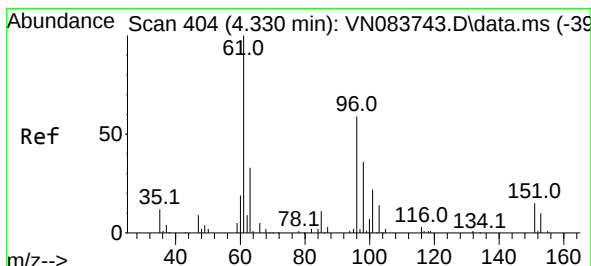
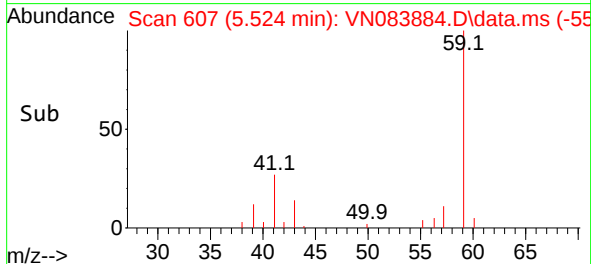
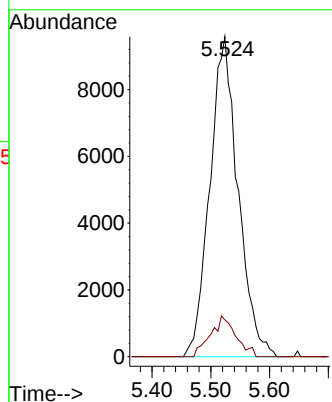
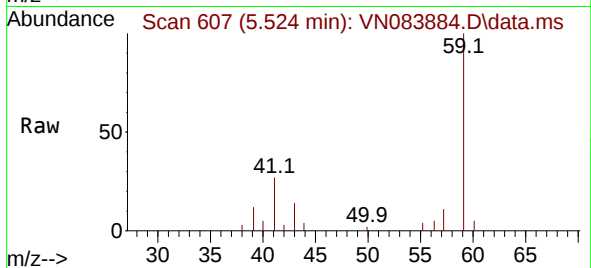




#11
Tert butyl alcohol
Concen: 113.918 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

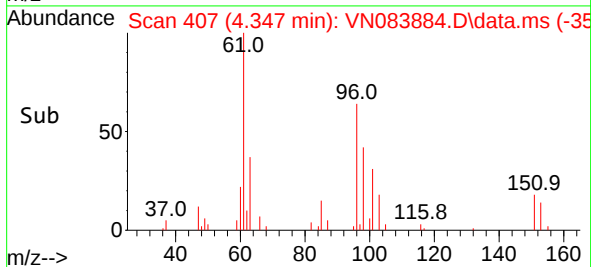
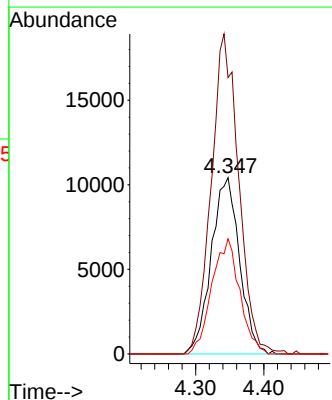
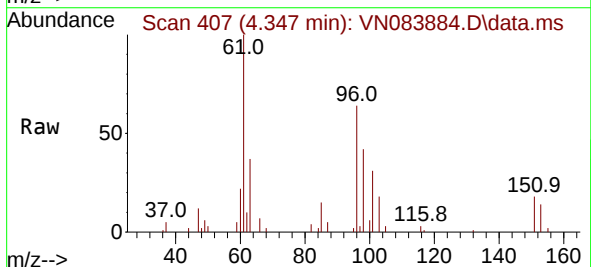
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

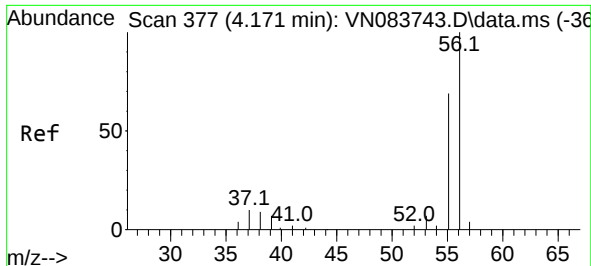
Tgt Ion: 59 Resp: 31907
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.053 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 96 Resp: 30087
Ion Ratio Lower Upper
96 100
61 156.8 143.4 215.0
98 65.3 52.7 79.1





#13

Acrolein

Concen: 94.495 ug/l

RT: 4.183 min Scan# 377

Delta R.T. 0.012 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

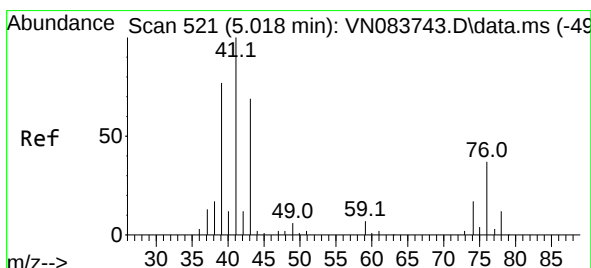
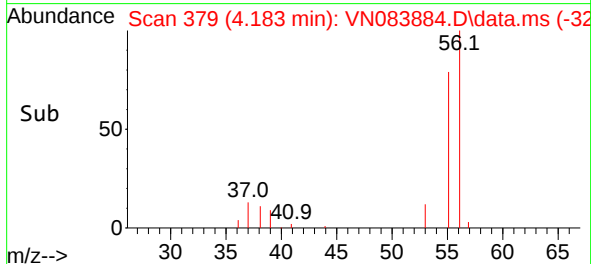
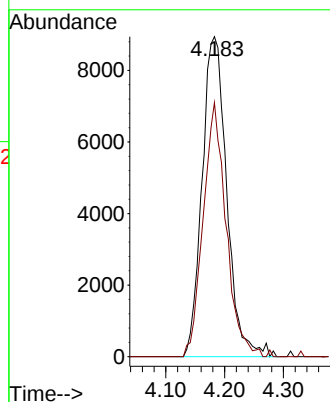
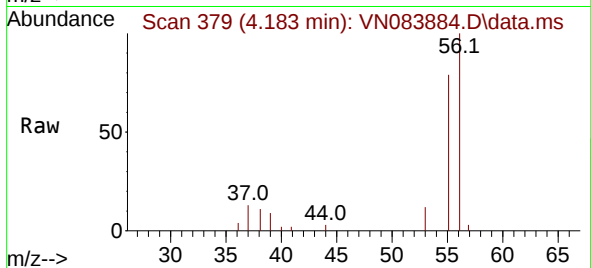
VN0914WBSD01

Tgt Ion: 56 Resp: 26114

Ion Ratio Lower Upper

56 100

55 73.6 58.2 87.2



#14

Allyl chloride

Concen: 18.466 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

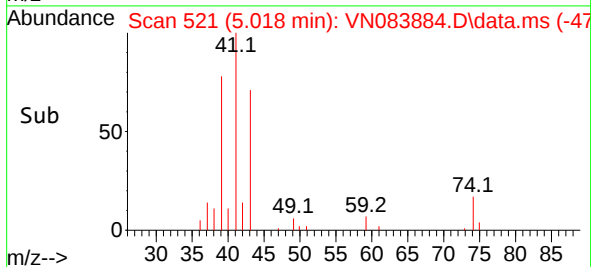
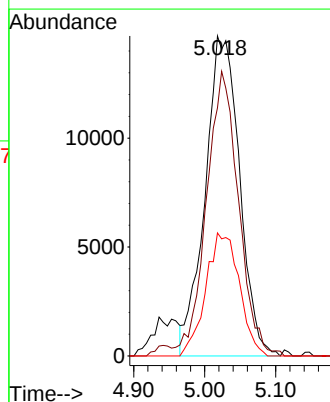
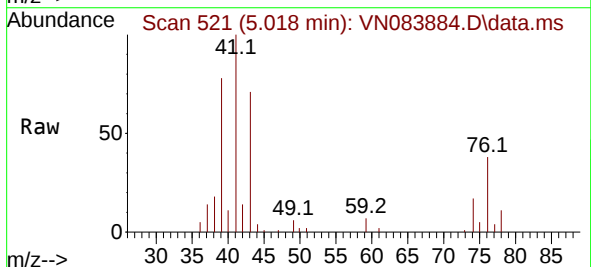
Tgt Ion: 41 Resp: 49367

Ion Ratio Lower Upper

41 100

39 83.2 59.3 88.9

76 37.5 27.7 41.5

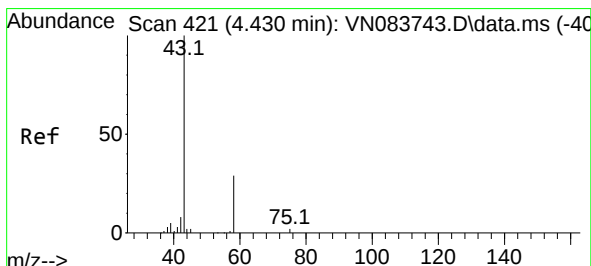
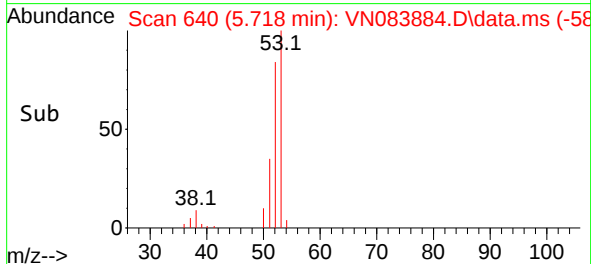
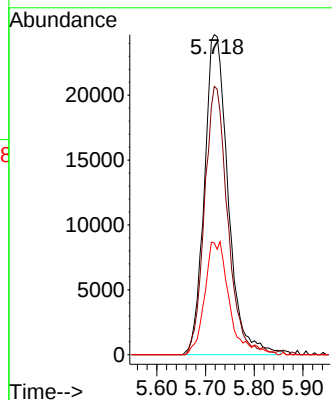
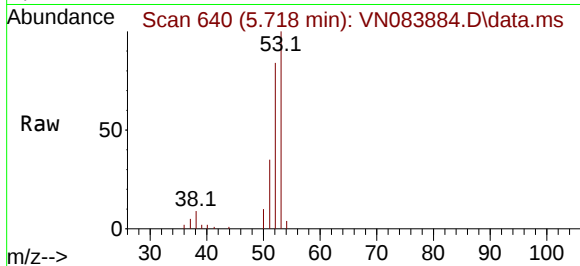




#15
Acrylonitrile
Concen: 109.396 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

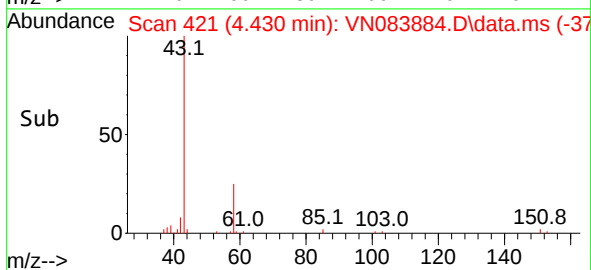
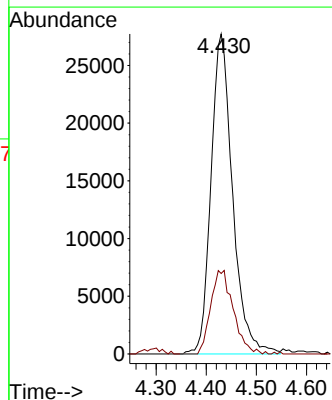
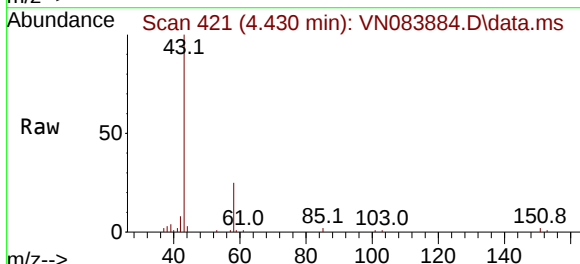
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

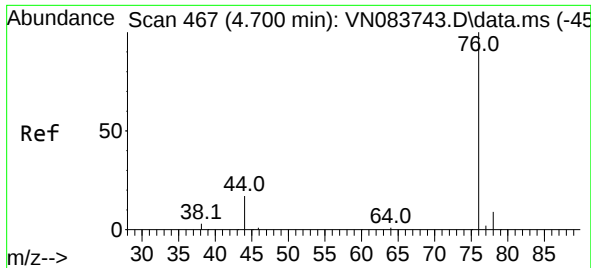
Tgt Ion:	53	Resp:	83327
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.2	29.6	44.4



#16
Acetone
Concen: 98.792 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:	43	Resp:	82835
Ion	Ratio	Lower	Upper
43	100		
58	25.2	23.7	35.5

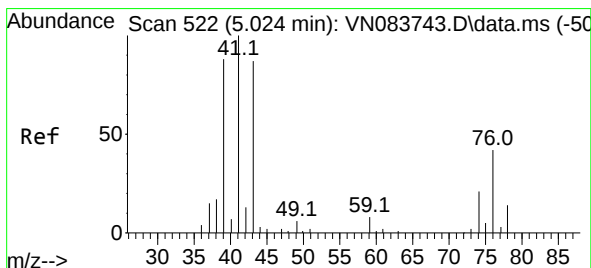
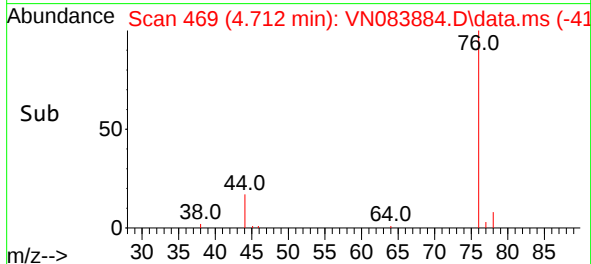
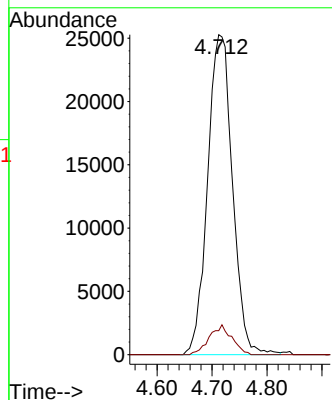
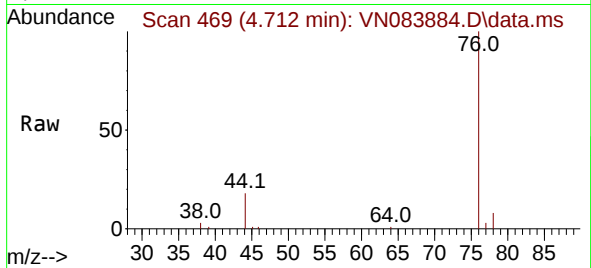




#17
Carbon Disulfide
Concen: 18.961 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

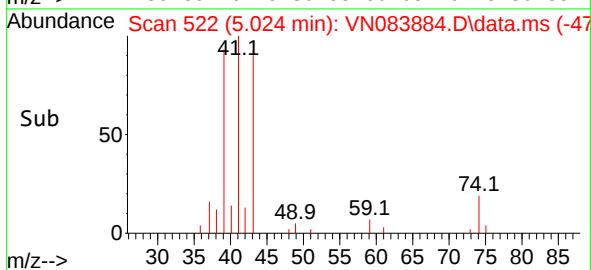
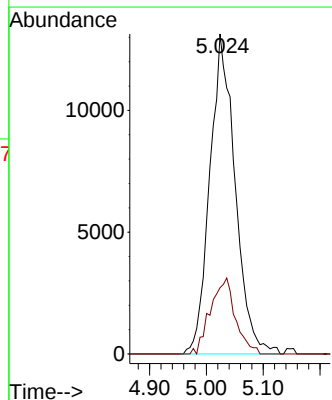
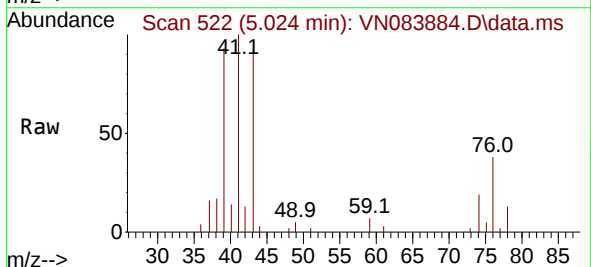
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 76 Resp: 79576
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#18
Methyl Acetate
Concen: 22.226 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 43 Resp: 40630
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4

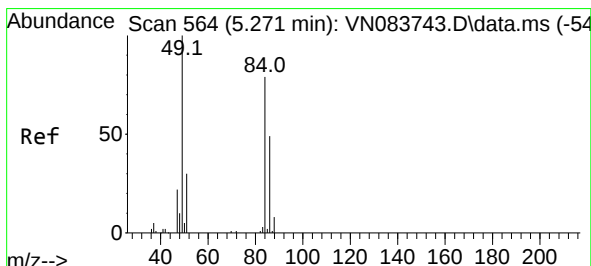
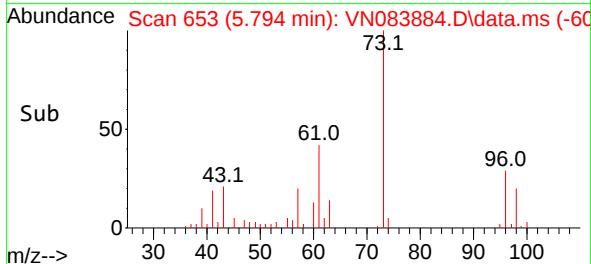
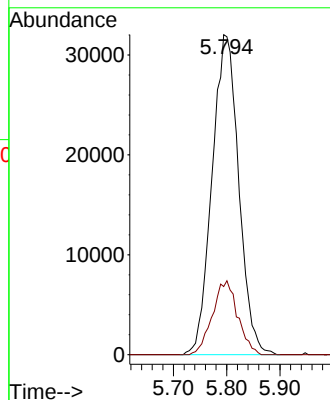
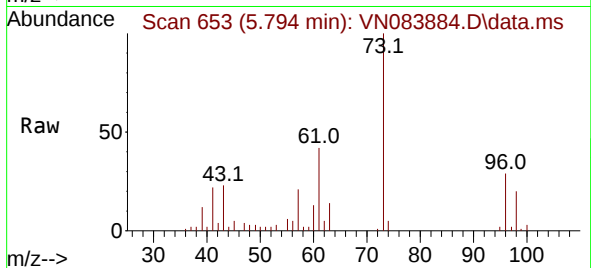




#19
Methyl tert-butyl Ether
Concen: 20.523 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

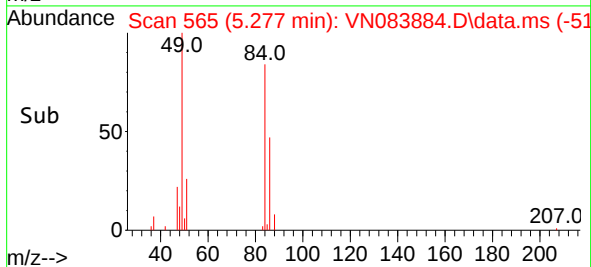
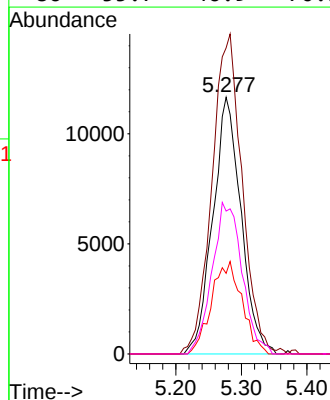
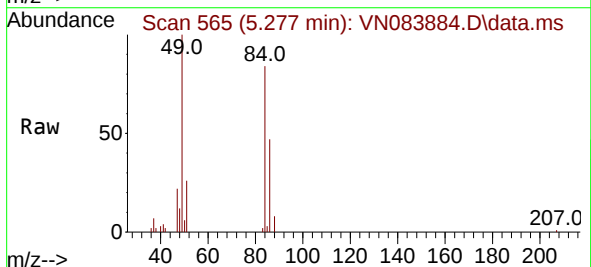
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

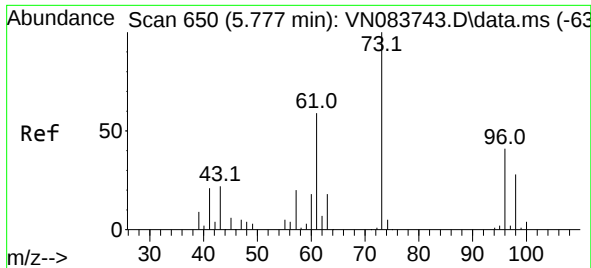
Tgt Ion: 73 Resp: 111426
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 20.290 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 84 Resp: 34814
Ion Ratio Lower Upper
84 100
49 119.3 93.4 140.0
51 31.4 29.2 43.8
86 55.7 46.9 70.3

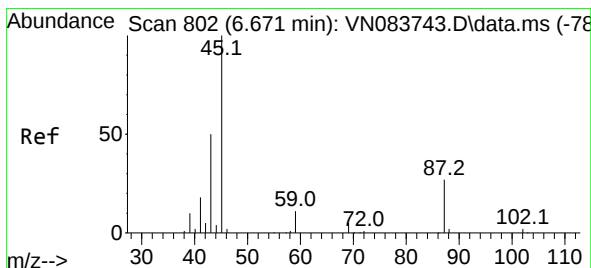
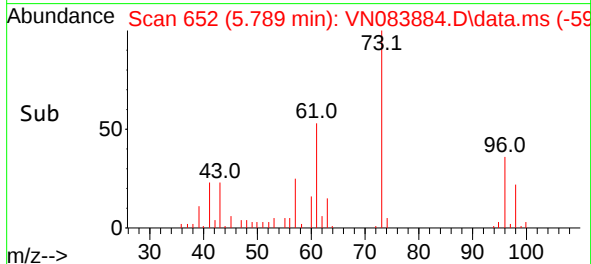
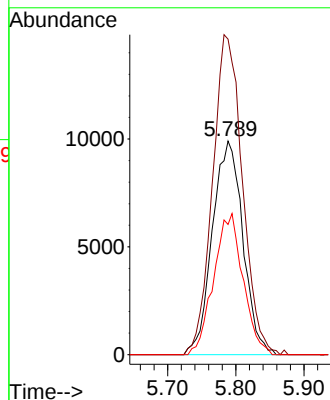
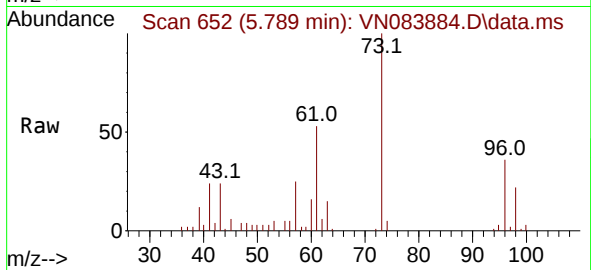




#21
trans-1,2-Dichloroethene
Concen: 19.199 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

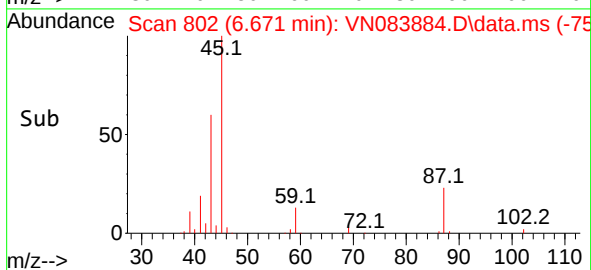
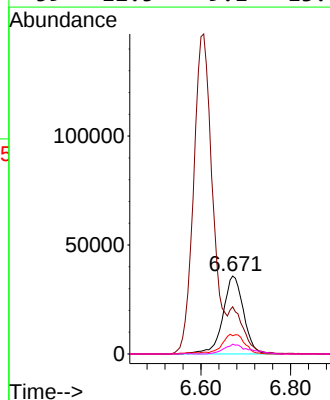
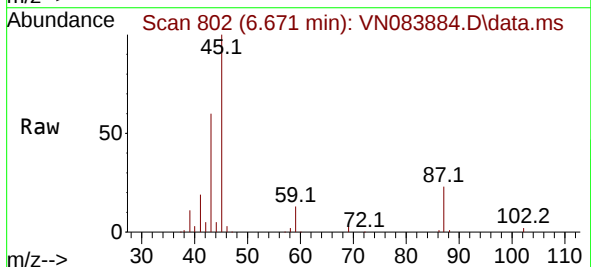
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

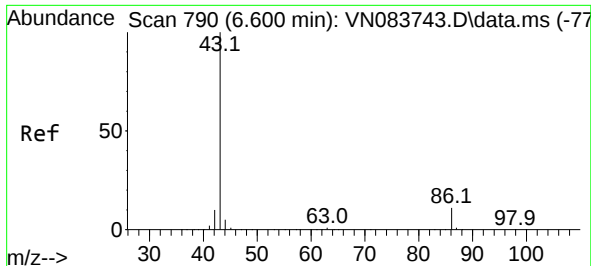
Tgt Ion: 96 Resp: 30870
Ion Ratio Lower Upper
96 100
61 147.7 106.0 159.0
98 60.9 52.2 78.2



#22
Diisopropyl ether
Concen: 20.707 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 45 Resp: 113958
Ion Ratio Lower Upper
45 100
43 59.7 43.4 65.0
87 23.3 22.6 33.8
59 12.5 9.1 13.7

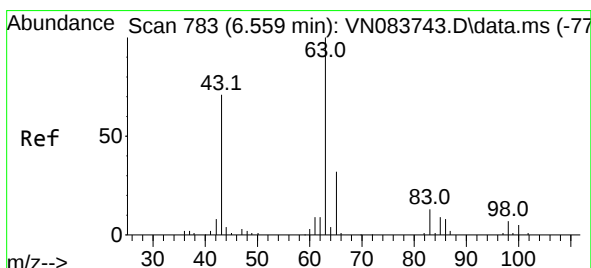
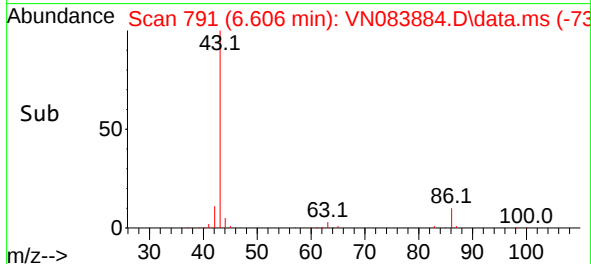
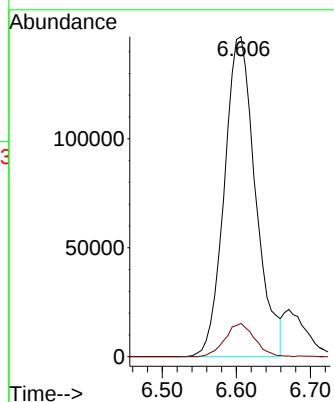
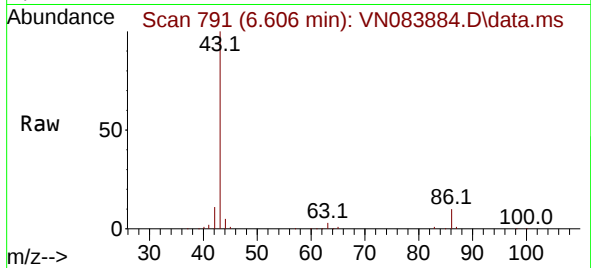




#23
 Vinyl Acetate
 Concen: 106.617 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

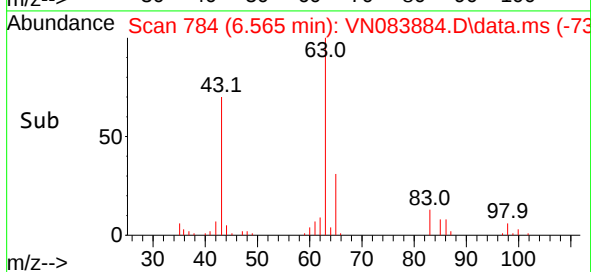
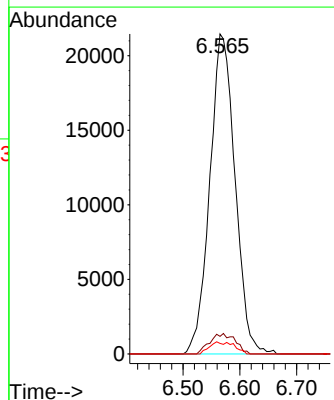
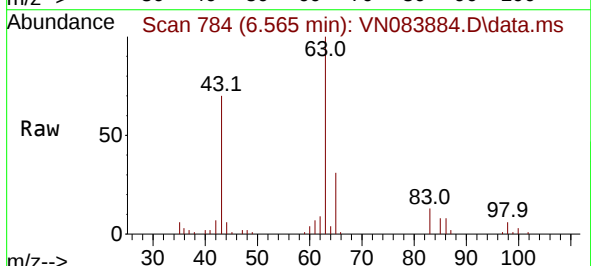
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion: 43 Resp: 429683
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.882 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

Tgt Ion: 63 Resp: 66207
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.5 10.4
 100 3.3 2.5 7.5

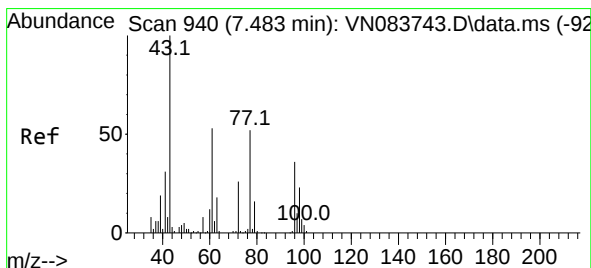
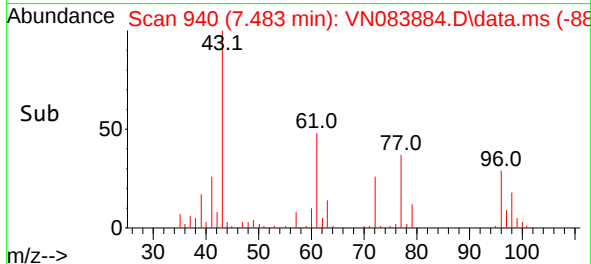
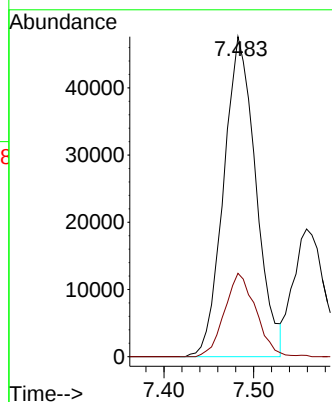
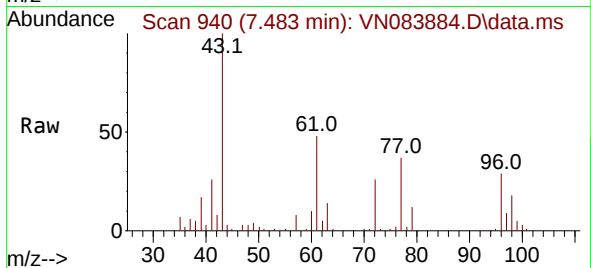




#25
2-Butanone
Concen: 107.838 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

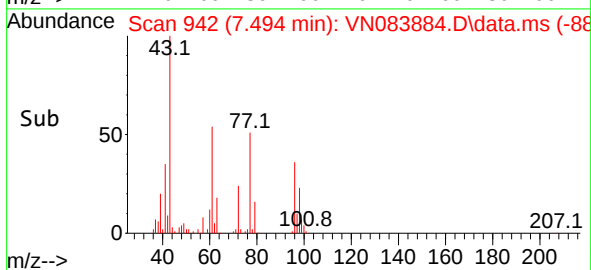
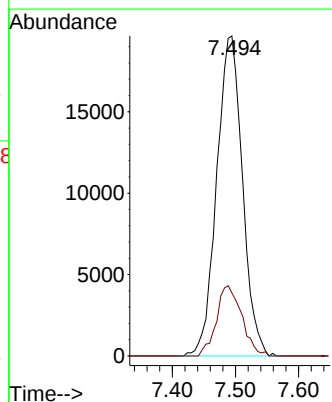
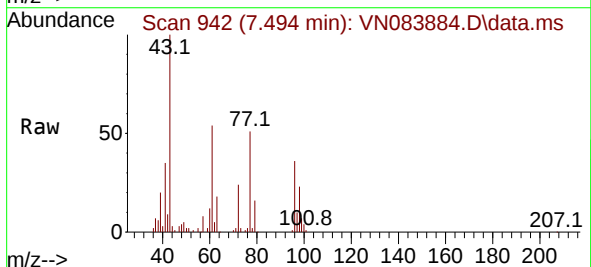
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 43 Resp: 118843
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 19.072 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 77 Resp: 55689
Ion Ratio Lower Upper
77 100
97 21.5 10.2 30.4

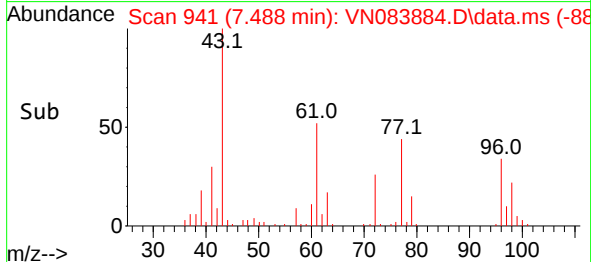
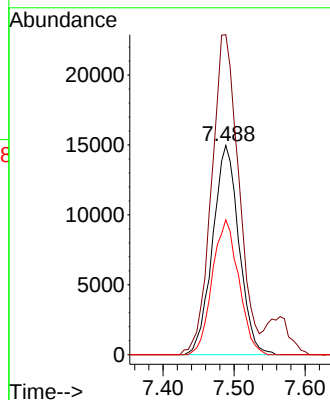
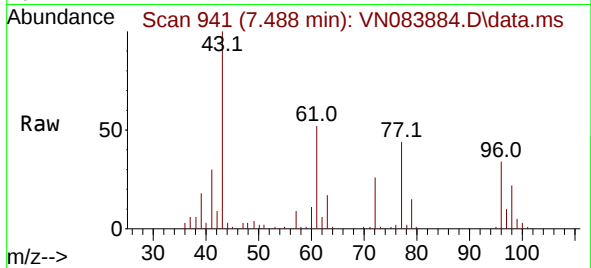




#27
 cis-1,2-Dichloroethene
 Concen: 20.166 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

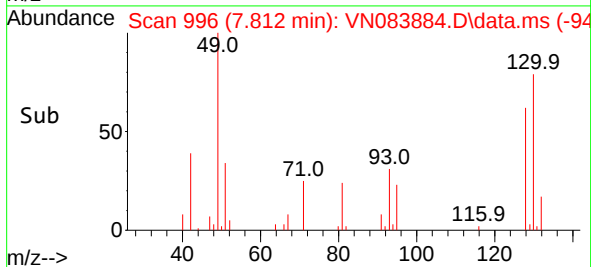
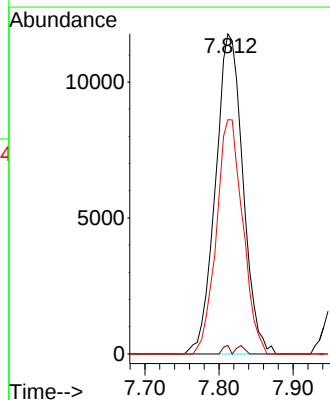
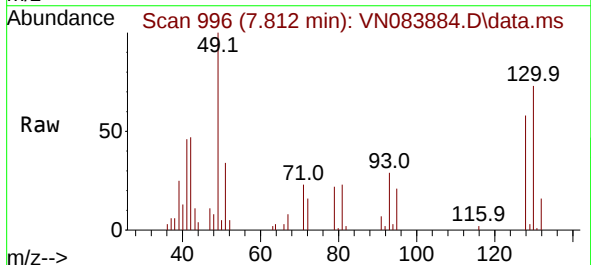
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

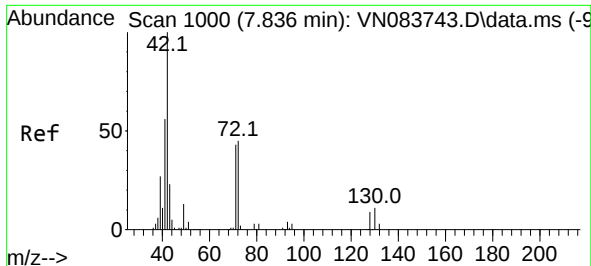
Tgt Ion: 96 Resp: 38492
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 306.2
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.691 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

Tgt Ion: 49 Resp: 30297
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.4
 130 70.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 112.746 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

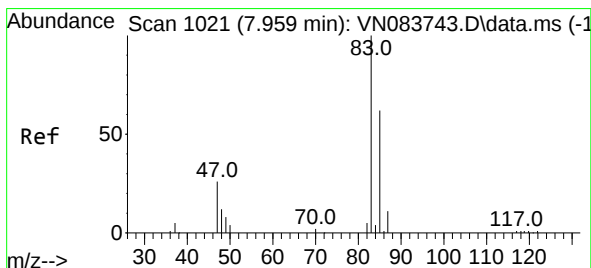
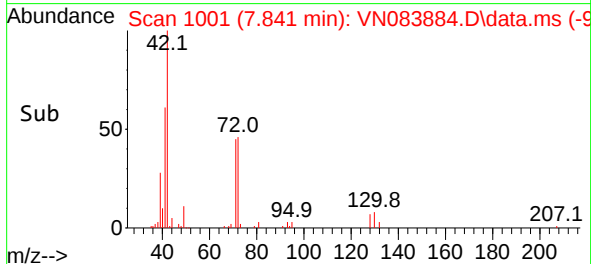
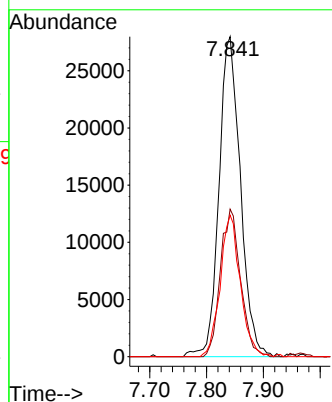
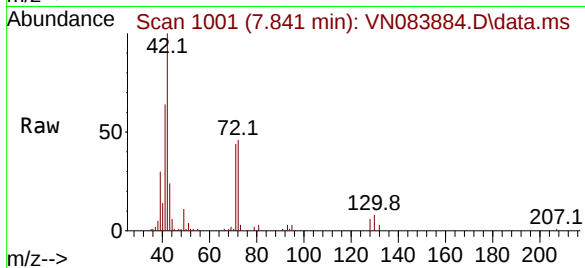
Tgt Ion: 42 Resp: 73469

Ion Ratio Lower Upper

42 100

72 43.4 35.9 53.9

71 41.5 33.9 50.9



#30

Chloroform

Concen: 20.254 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.012 min

Lab File: VN083884.D

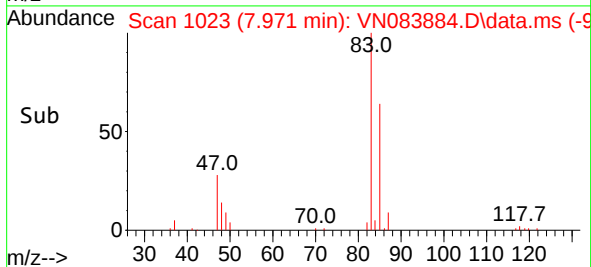
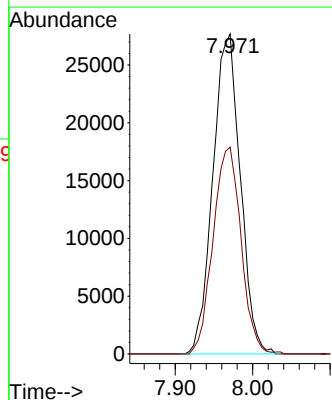
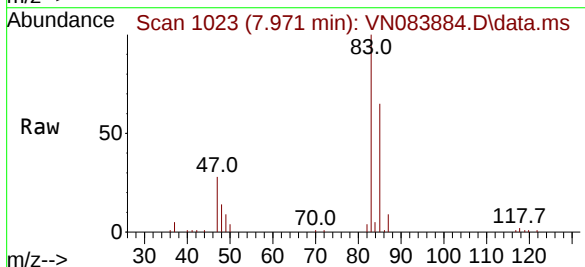
Acq: 14 Sep 2024 12:44

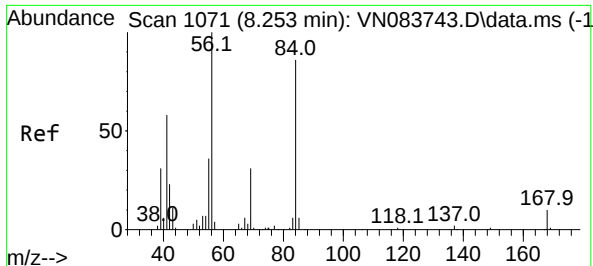
Tgt Ion: 83 Resp: 68174

Ion Ratio Lower Upper

83 100

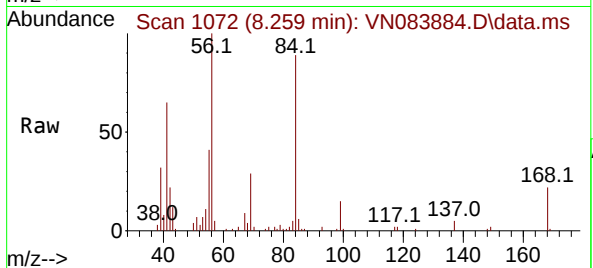
85 64.7 52.8 79.2



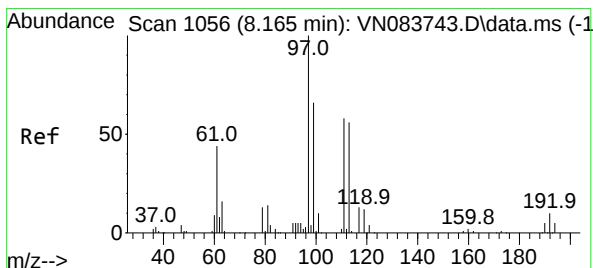
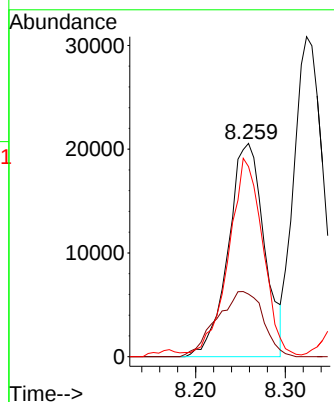
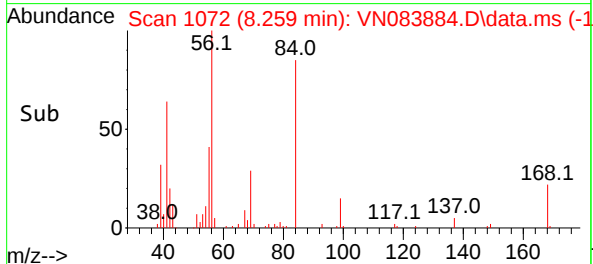


#31
Cyclohexane
Concen: 18.930 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

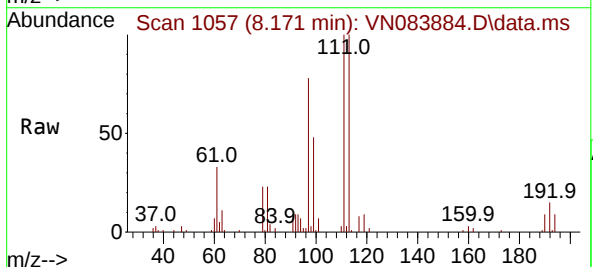
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



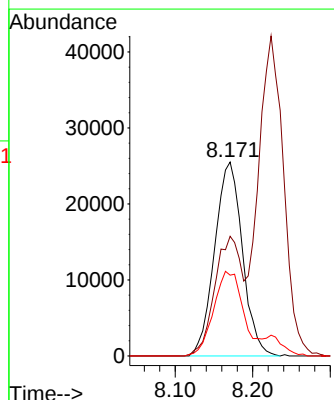
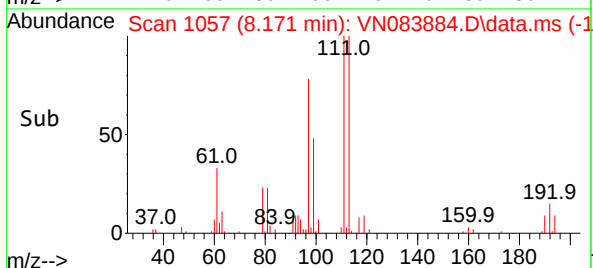
Tgt Ion: 56 Resp: 57225
Ion Ratio Lower Upper
56 100
69 29.3 26.9 40.3
84 87.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 20.548 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44



Tgt Ion: 97 Resp: 63596
Ion Ratio Lower Upper
97 100
99 59.0 52.3 78.5
61 47.5 38.2 57.2

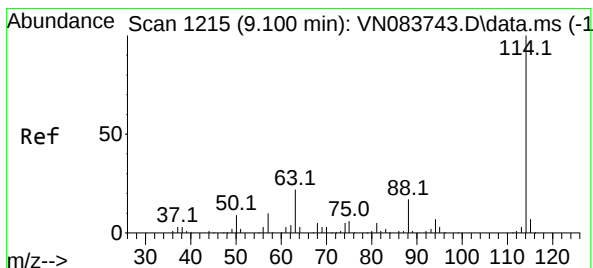
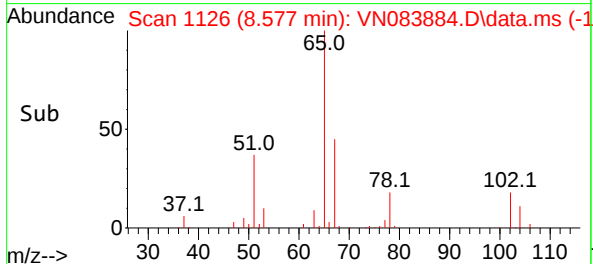
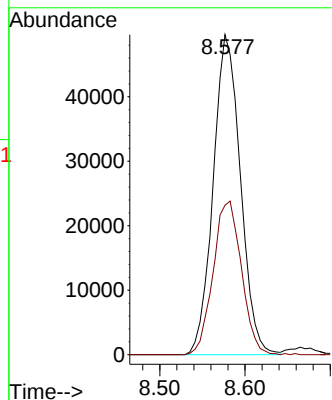
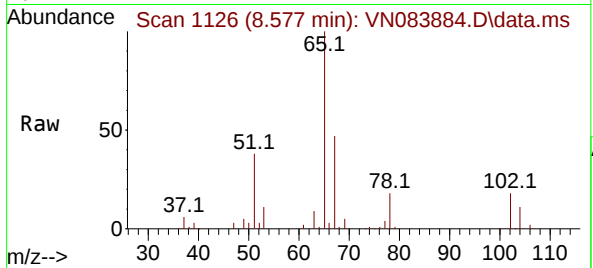




#33
 1,2-Dichloroethane-d4
 Concen: 52.641 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

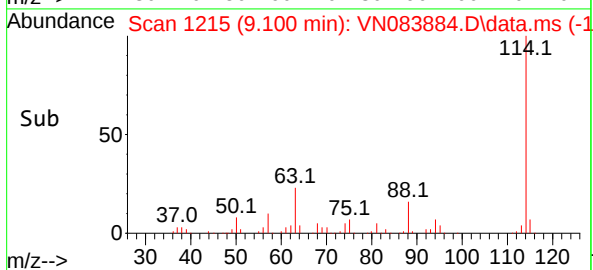
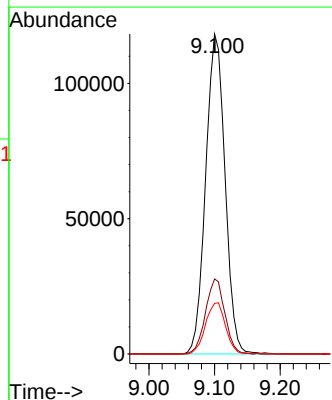
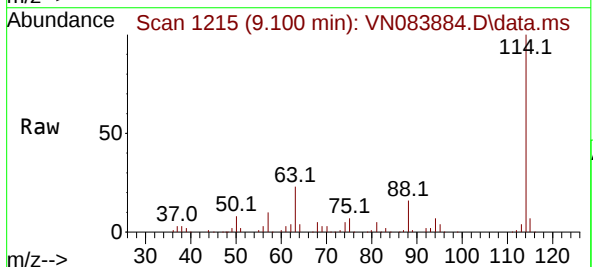
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

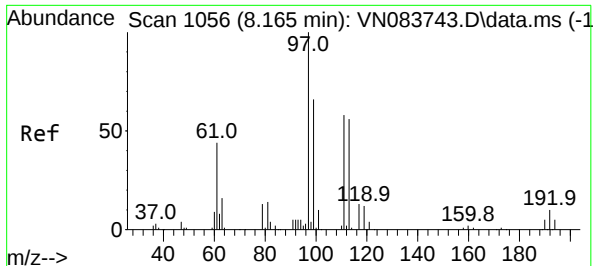
Tgt Ion: 65 Resp: 110106
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

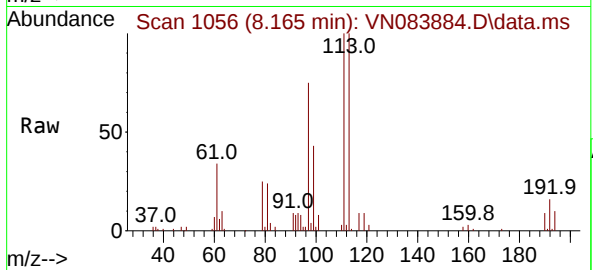
Tgt Ion: 114 Resp: 243071
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.4
 88 15.8 0.0 32.6



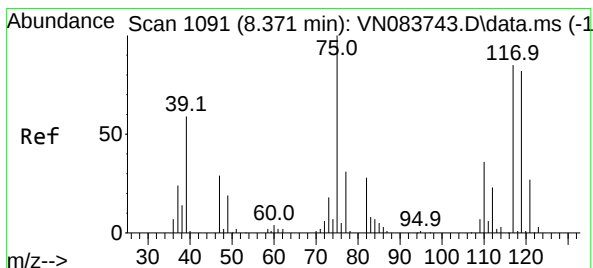
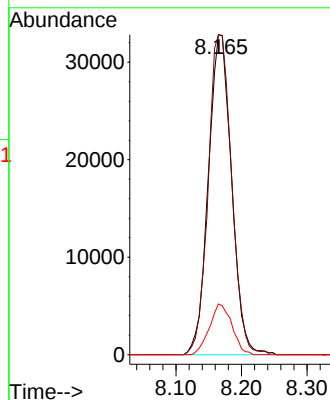
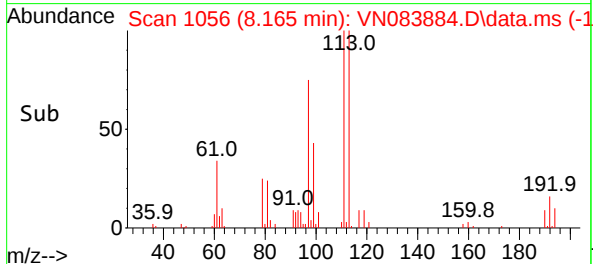


#35
Dibromofluoromethane
Concen: 51.842 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

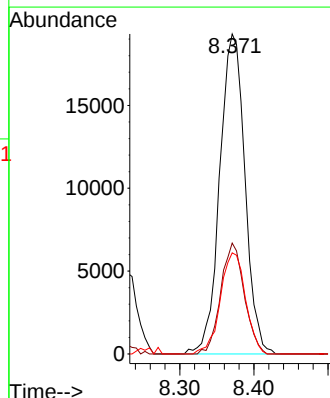
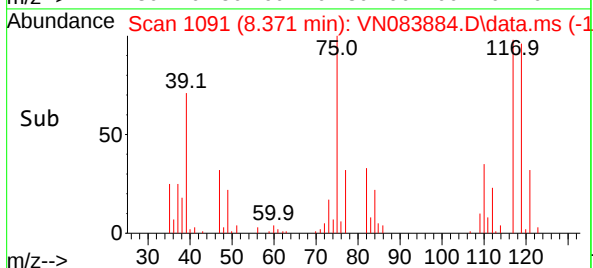
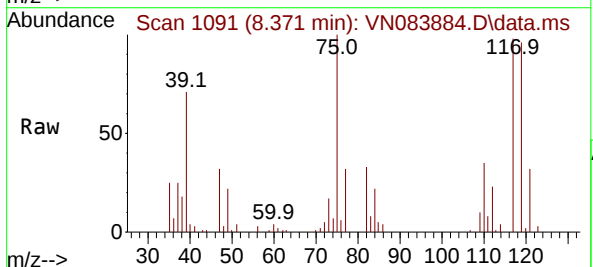


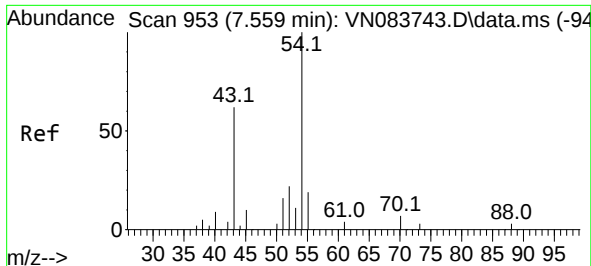
Tgt Ion:113 Resp: 80672
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 15.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 19.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 75 Resp: 45592
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.1
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 22.743 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

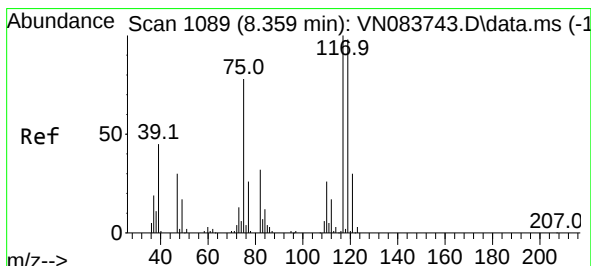
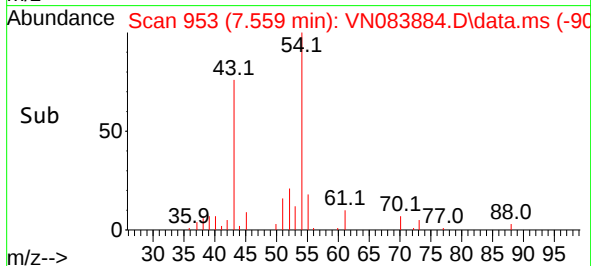
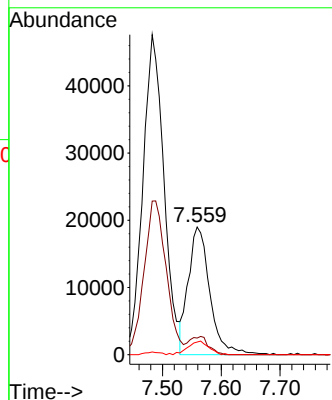
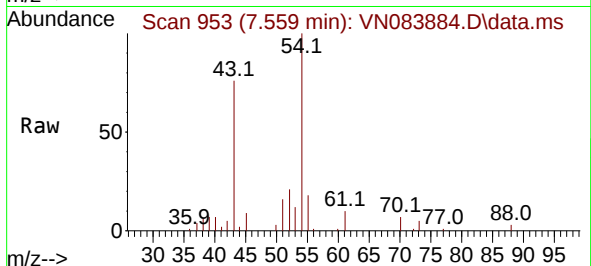
Tgt Ion: 43 Resp: 48352

Ion Ratio Lower Upper

43 100

61 13.0 11.1 16.7

70 10.3 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.013 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

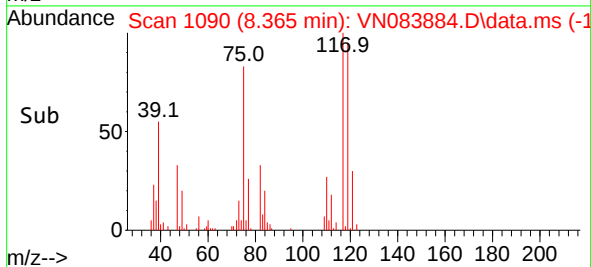
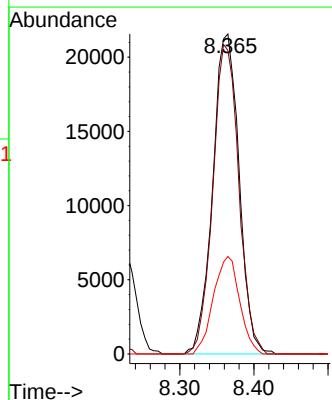
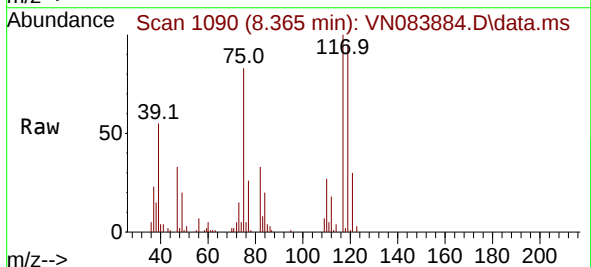
Tgt Ion: 117 Resp: 53178

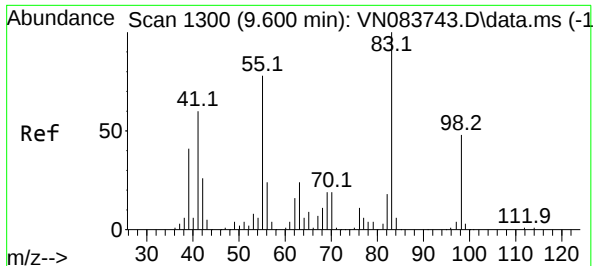
Ion Ratio Lower Upper

117 100

119 94.9 76.1 114.1

121 30.5 24.1 36.1





#39

Methylcyclohexane

Concen: 18.569 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

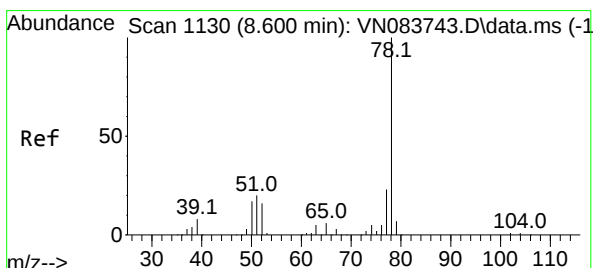
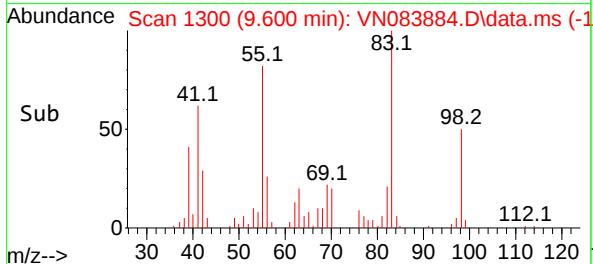
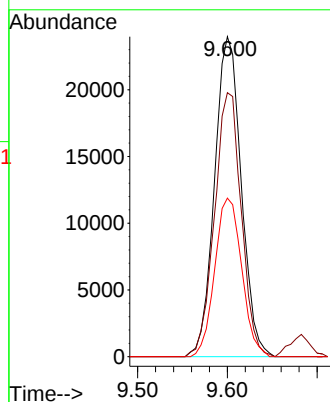
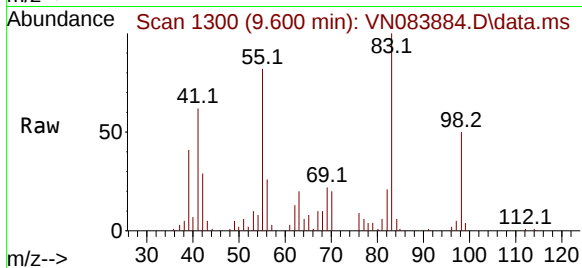
Tgt Ion: 83 Resp: 49505

Ion Ratio Lower Upper

83 100

55 82.5 62.2 93.4

98 49.5 37.6 56.4



#40

Benzene

Concen: 20.002 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083884.D

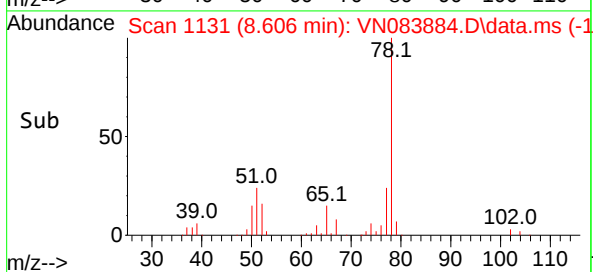
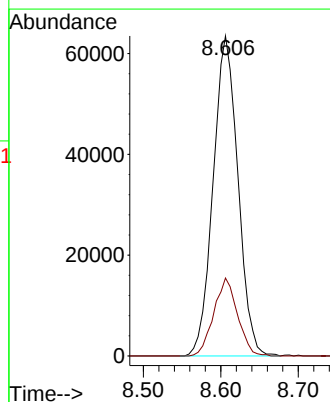
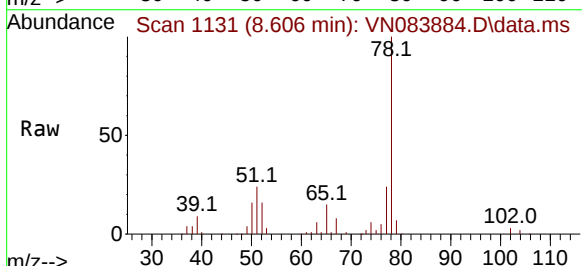
Acq: 14 Sep 2024 12:44

Tgt Ion: 78 Resp: 141006

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

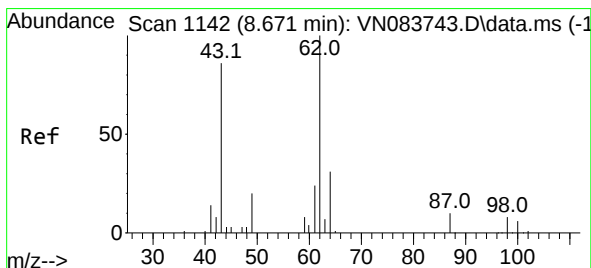
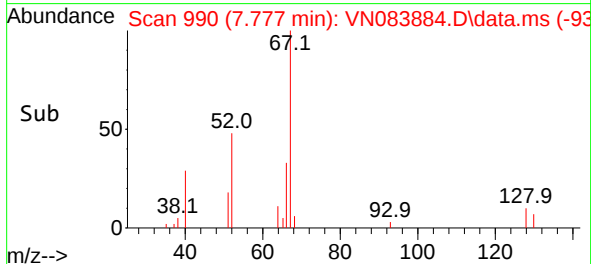
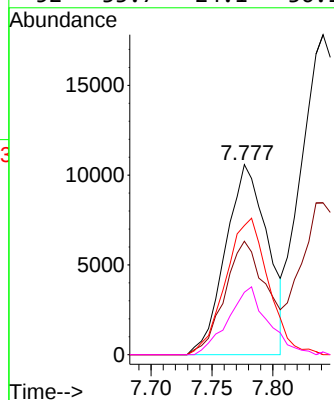
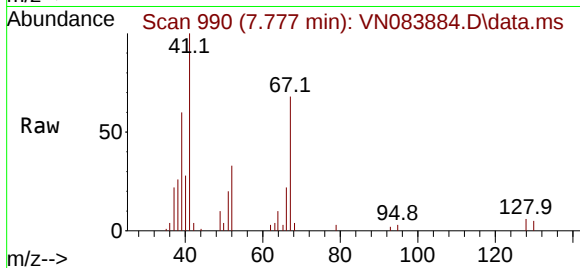




#41
Methacrylonitrile
Concen: 20.254 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

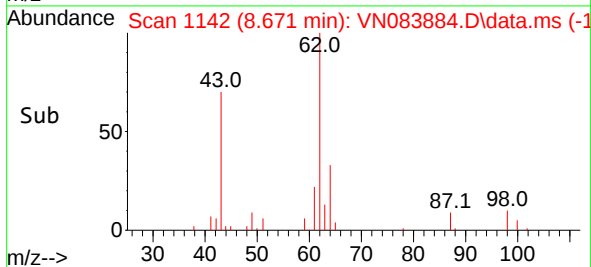
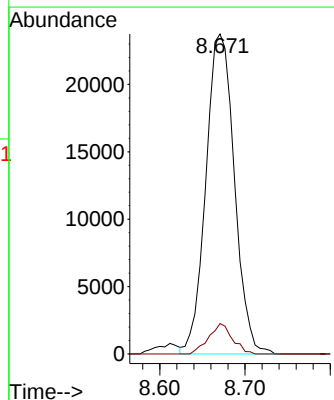
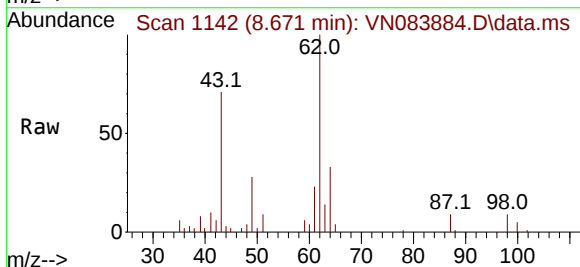
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

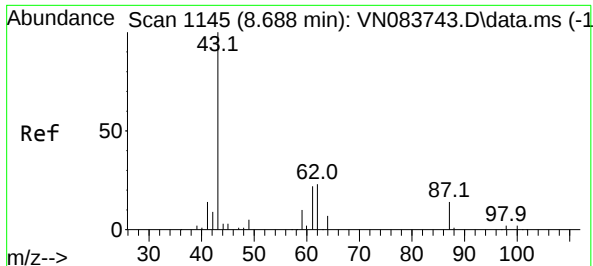
Tgt Ion:	41	Resp:	25468
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.4	68.2
67	72.9	55.9	83.9
52	33.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.956 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:	62	Resp:	55203
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.392 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

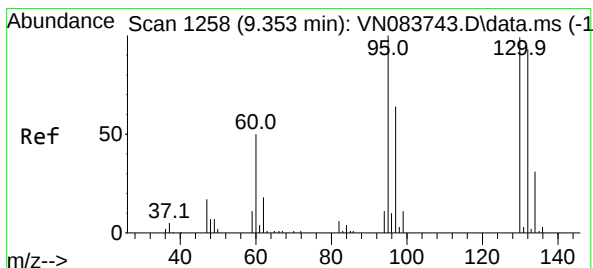
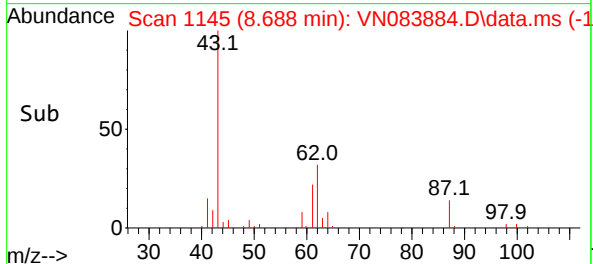
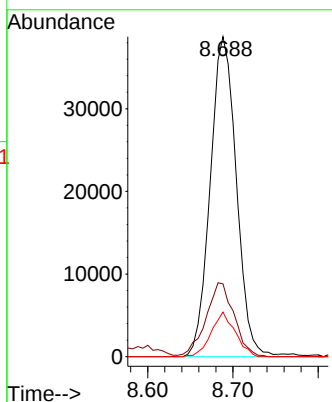
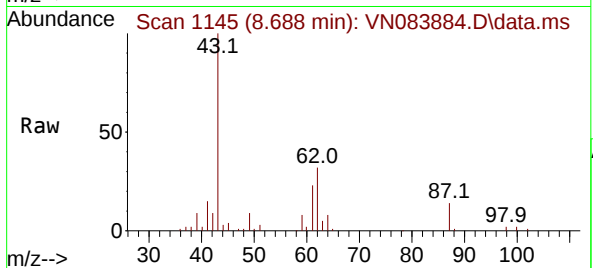
Tgt Ion: 43 Resp: 82416

Ion Ratio Lower Upper

43 100

61 25.0 19.4 29.0

87 12.8 9.8 14.6



#44

Trichloroethene

Concen: 20.650 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083884.D

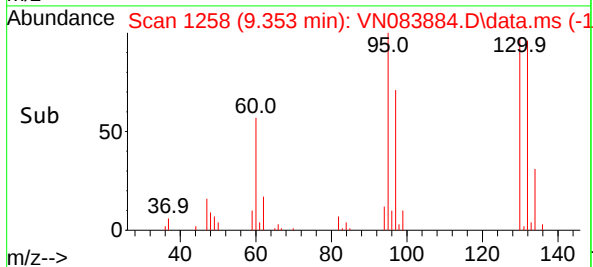
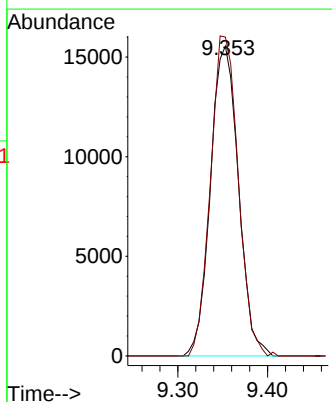
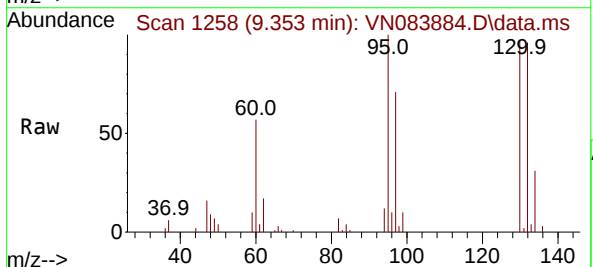
Acq: 14 Sep 2024 12:44

Tgt Ion:130 Resp: 33711

Ion Ratio Lower Upper

130 100

95 102.9 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.314 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

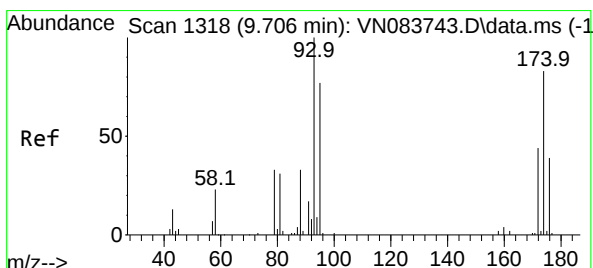
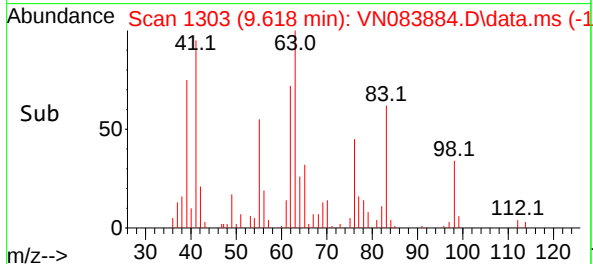
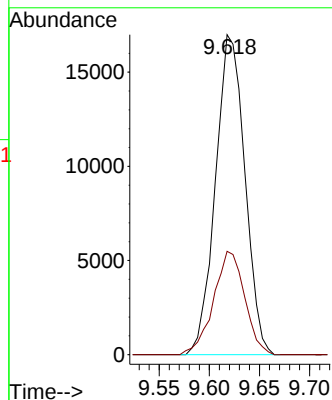
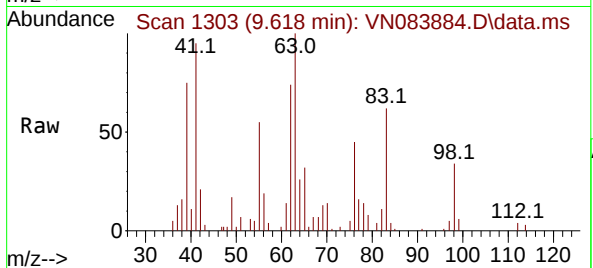
VN0914WBSD01

Tgt Ion: 63 Resp: 34612

Ion Ratio Lower Upper

63 100

65 32.3 25.9 38.9



#46

Dibromomethane

Concen: 21.022 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

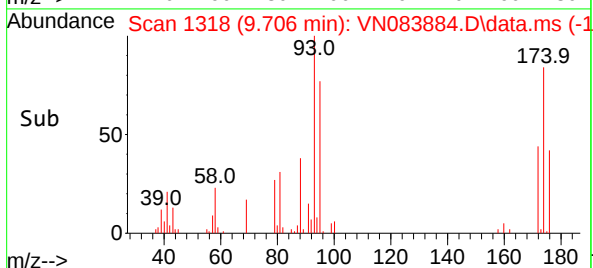
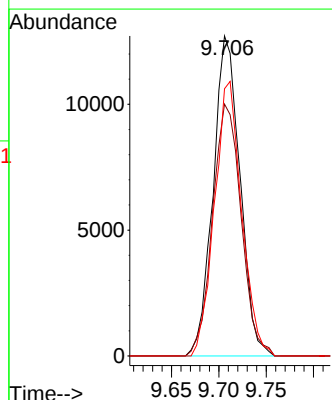
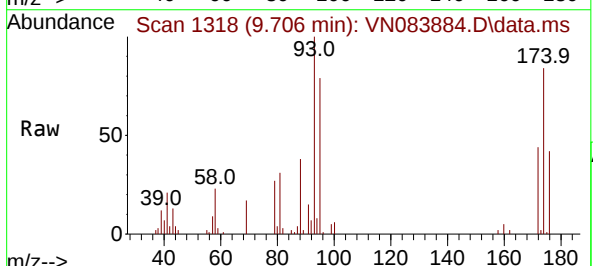
Tgt Ion: 93 Resp: 25088

Ion Ratio Lower Upper

93 100

95 83.8 65.3 97.9

174 86.7 71.0 106.4





#47

Bromodichloromethane

Concen: 21.246 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

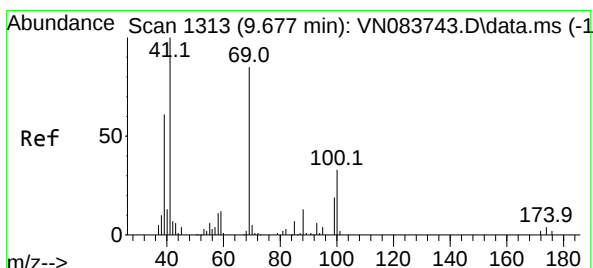
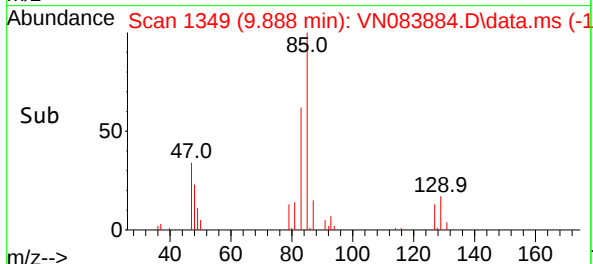
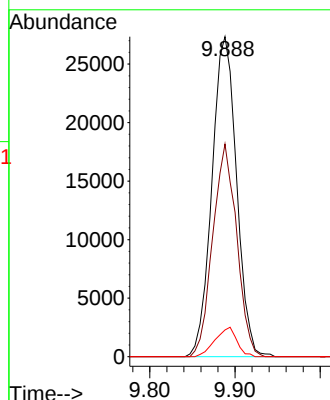
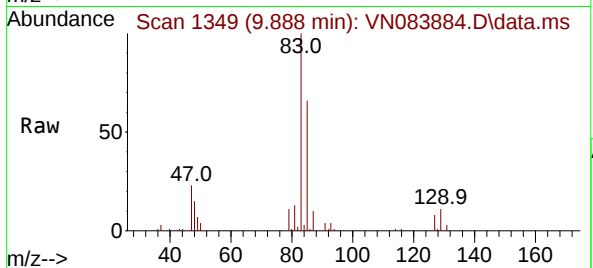
Tgt Ion: 83 Resp: 54876

Ion Ratio Lower Upper

83 100

85 66.4 51.8 77.8

127 8.3 6.6 9.8



#48

Methyl methacrylate

Concen: 21.375 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

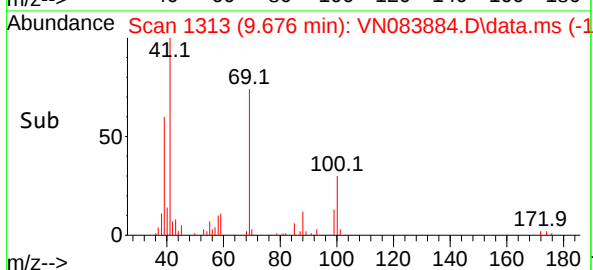
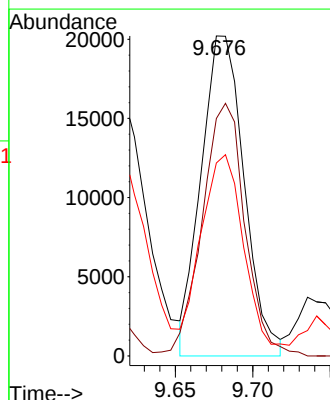
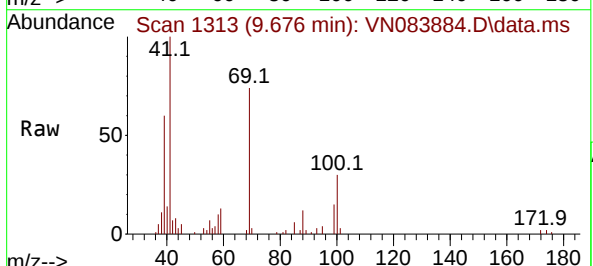
Tgt Ion: 41 Resp: 39070

Ion Ratio Lower Upper

41 100

69 78.6 64.3 96.5

39 63.5 48.9 73.3





#49

1,4-Dioxane

Concen: 478.370 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

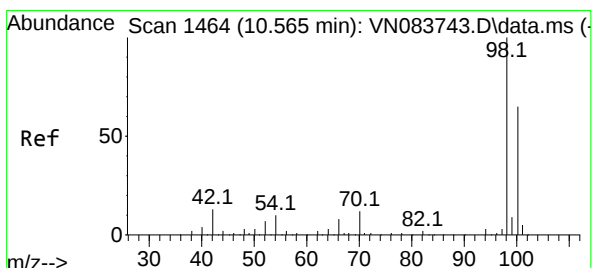
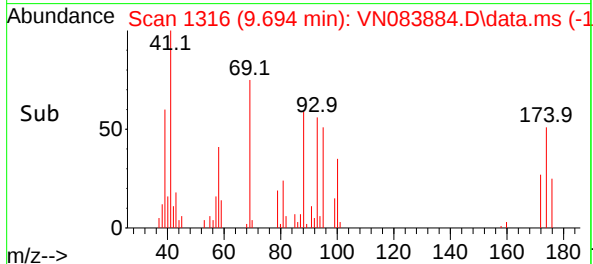
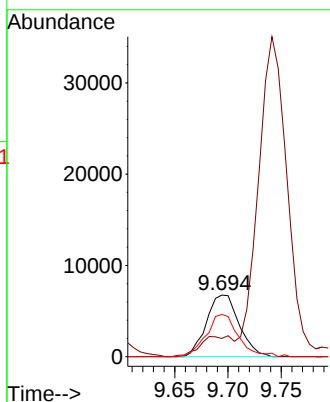
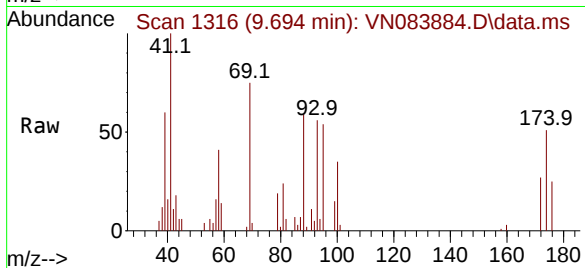
Tgt Ion: 88 Resp: 14384

Ion Ratio Lower Upper

88 100

43 33.5 0.0 0.0#

58 67.4 57.1 85.7



#50

Toluene-d8

Concen: 53.125 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083884.D

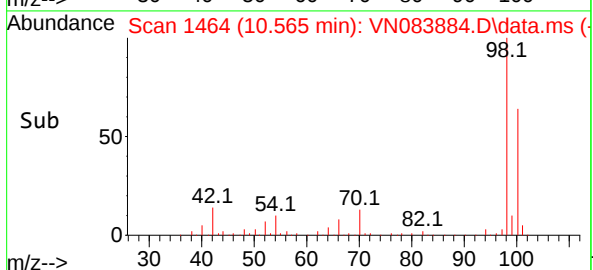
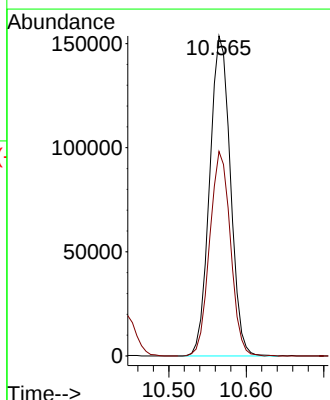
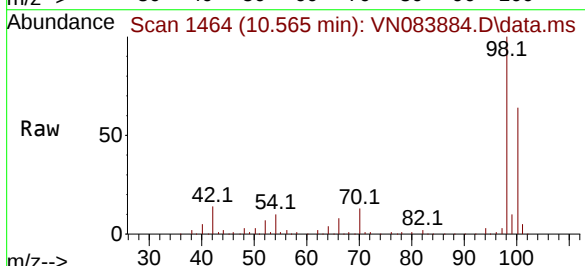
Acq: 14 Sep 2024 12:44

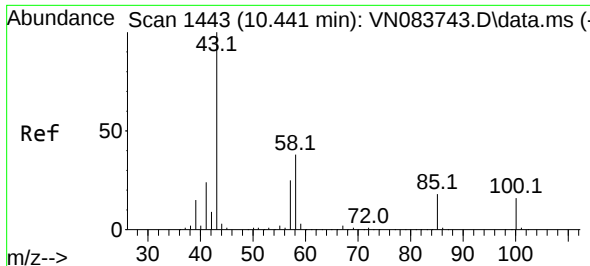
Tgt Ion: 98 Resp: 285790

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

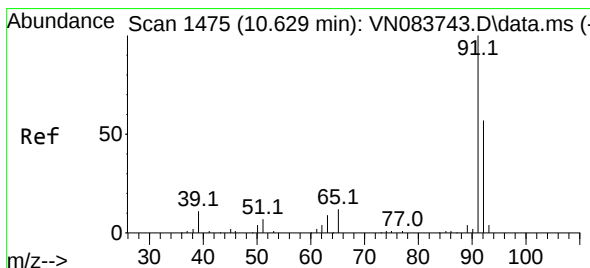
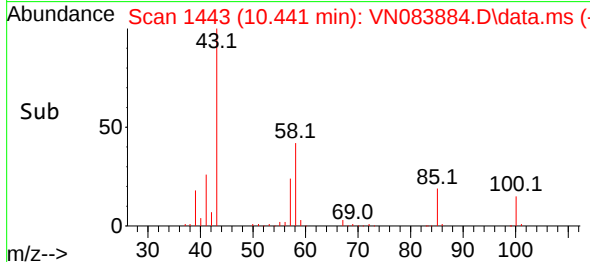
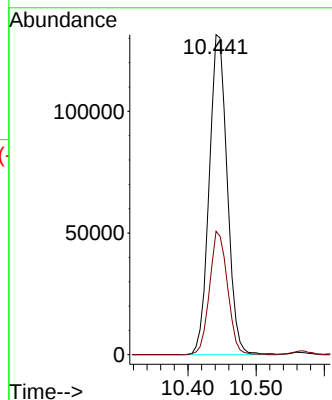
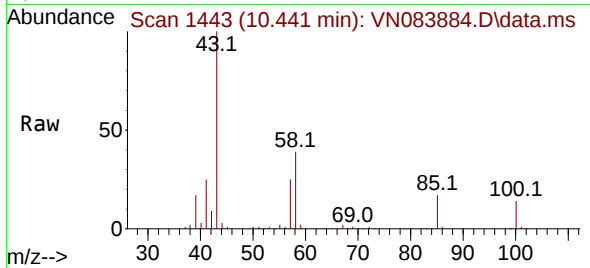




#51
4-Methyl-2-Pentanone
Concen: 115.421 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

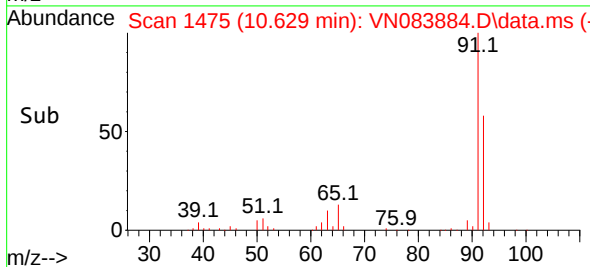
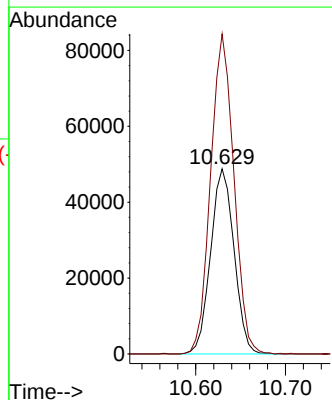
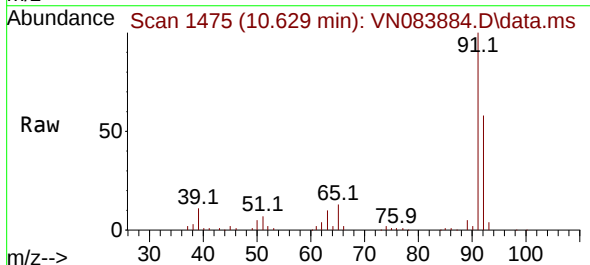
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

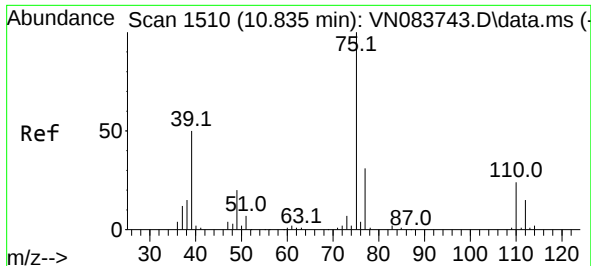
Tgt Ion: 43 Resp: 242056
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4



#52
Toluene
Concen: 20.551 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 92 Resp: 88618
Ion Ratio Lower Upper
92 100
91 171.5 134.7 202.1

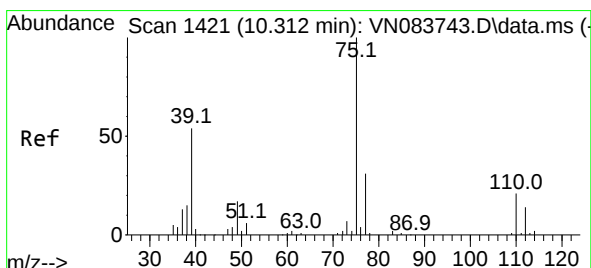
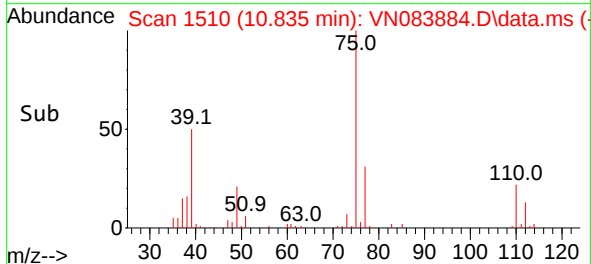
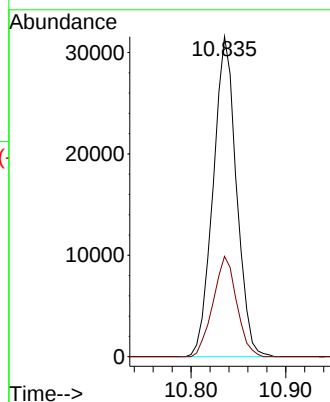
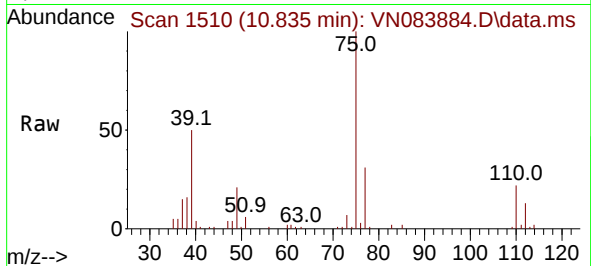




#53
t-1,3-Dichloropropene
Concen: 20.570 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

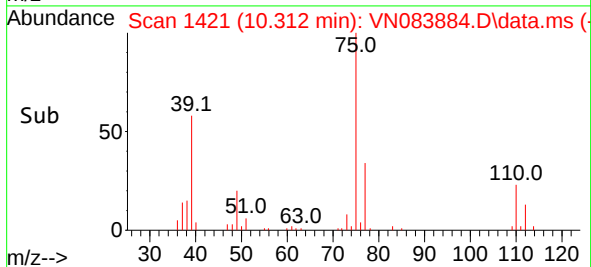
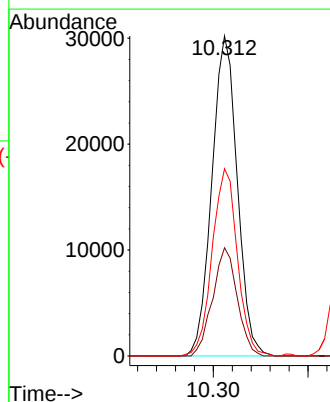
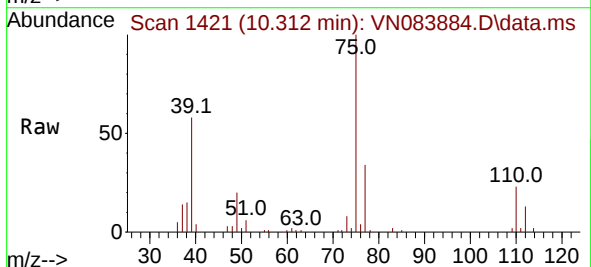
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

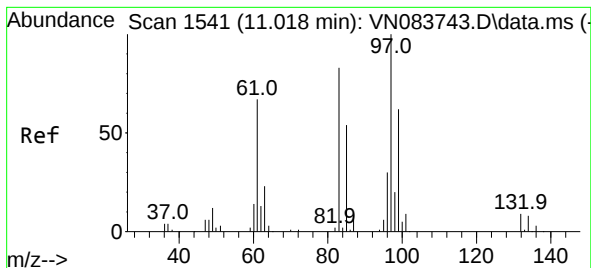
Tgt Ion: 75 Resp: 53853
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 20.438 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 75 Resp: 56204
Ion Ratio Lower Upper
75 100
77 33.8 25.0 37.6
39 58.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 20.576 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion: 97 Resp: 33124

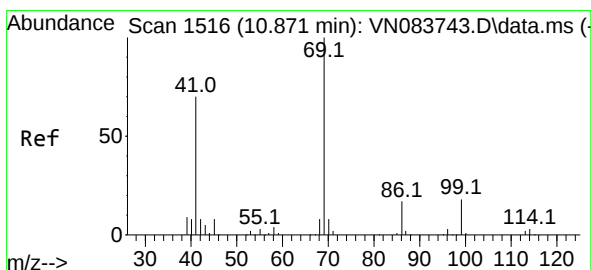
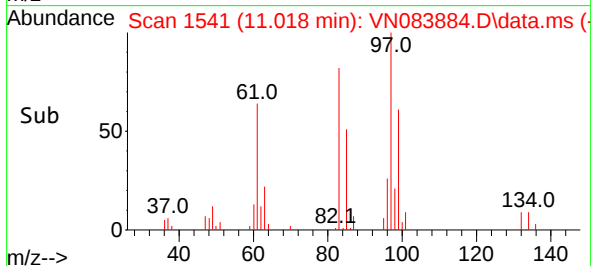
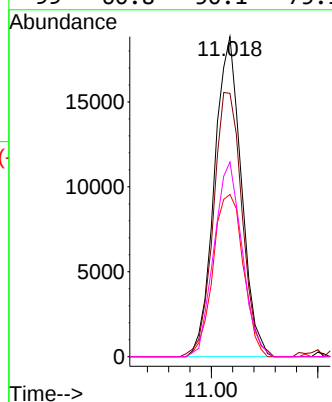
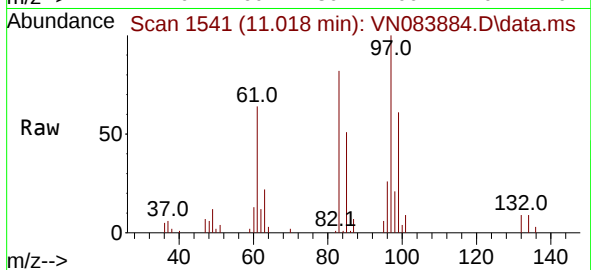
Ion Ratio Lower Upper

97 100

83 82.3 67.5 101.3

85 50.7 44.2 66.2

99 60.8 50.1 75.1



#56

Ethyl methacrylate

Concen: 21.477 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

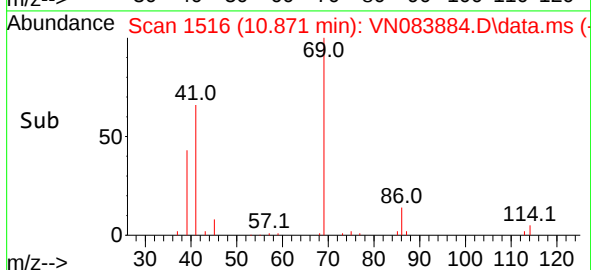
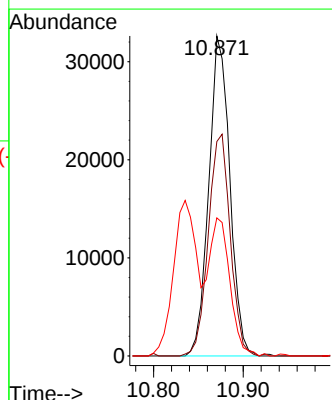
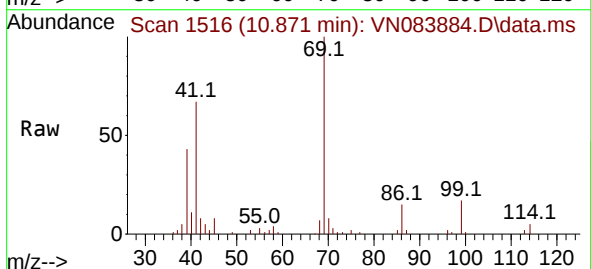
Tgt Ion: 69 Resp: 53193

Ion Ratio Lower Upper

69 100

41 72.3 53.9 80.9

39 44.1 32.6 48.8





#57

1,3-Dichloropropane

Concen: 21.002 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

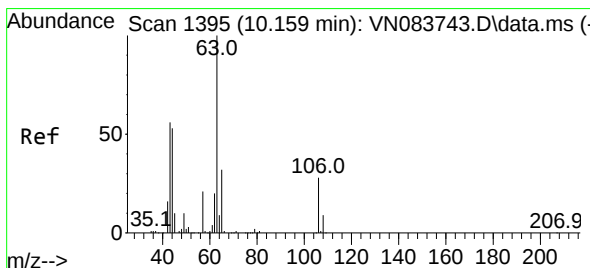
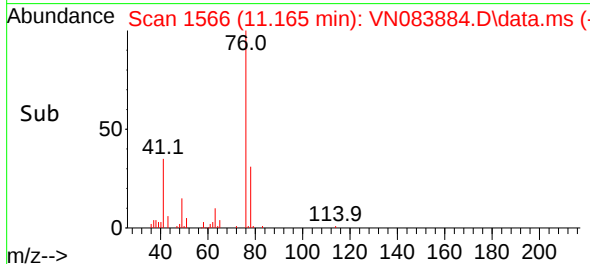
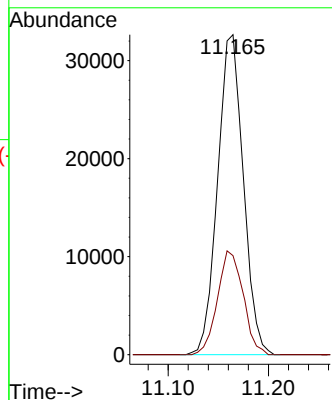
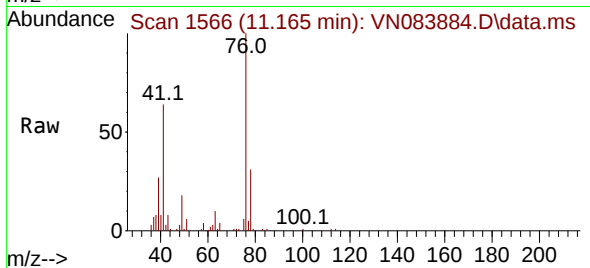
VN0914WBSD01

Tgt Ion: 76 Resp: 58108

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 119.048 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083884.D

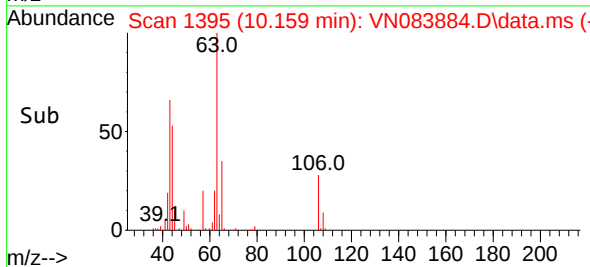
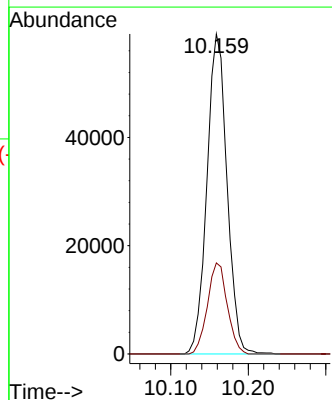
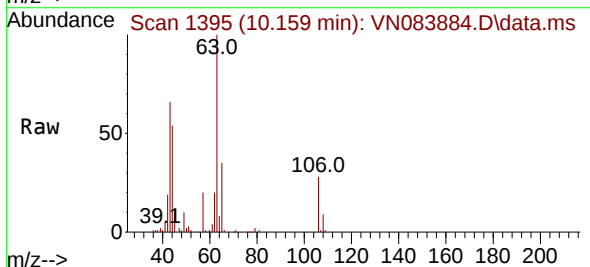
Acq: 14 Sep 2024 12:44

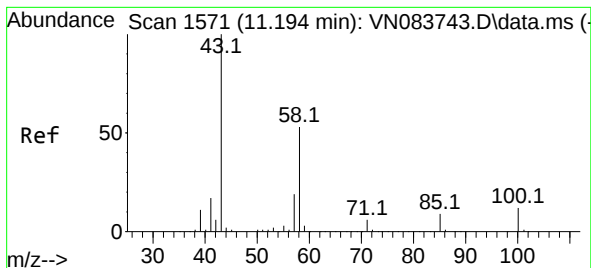
Tgt Ion: 63 Resp: 106243

Ion Ratio Lower Upper

63 100

106 28.1 23.3 34.9

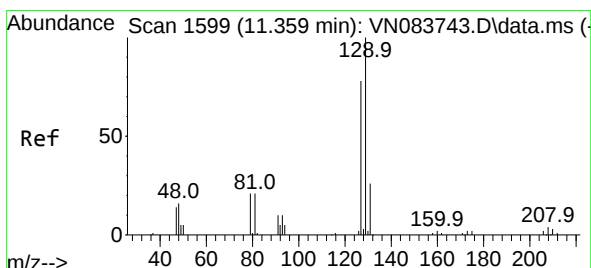
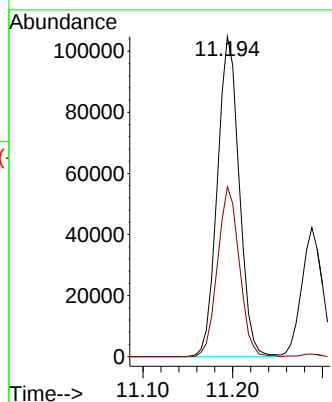
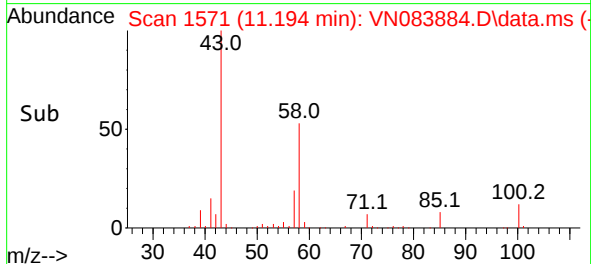
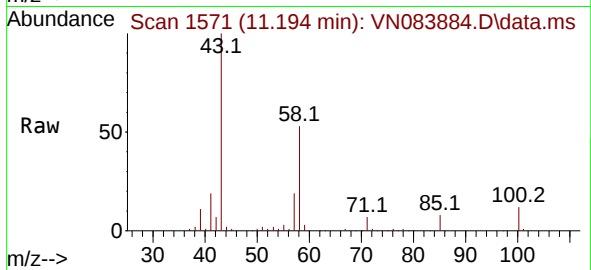




#59
2-Hexanone
Concen: 114.142 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

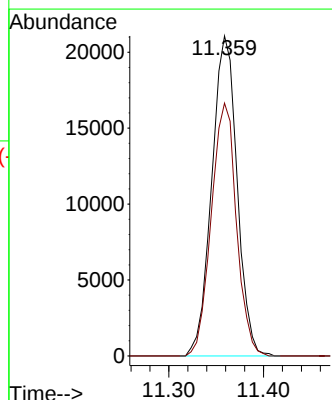
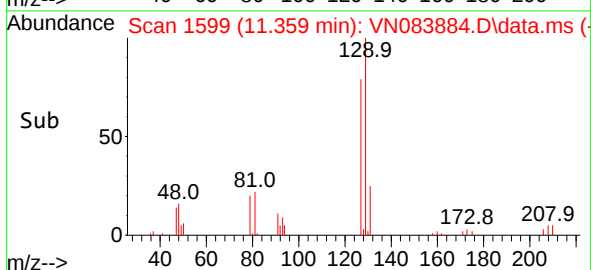
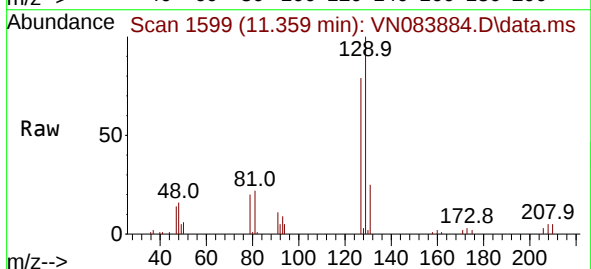
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

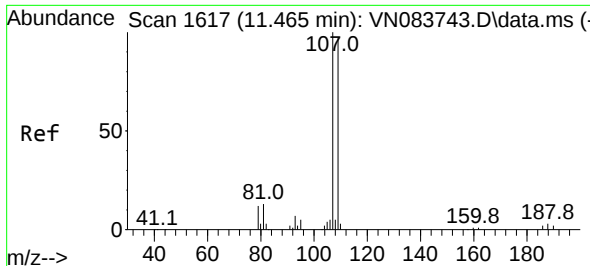
Tgt Ion: 43 Resp: 177071
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5



#60
Dibromochloromethane
Concen: 21.717 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 129 Resp: 39125
Ion Ratio Lower Upper
129 100
127 78.4 39.0 116.9

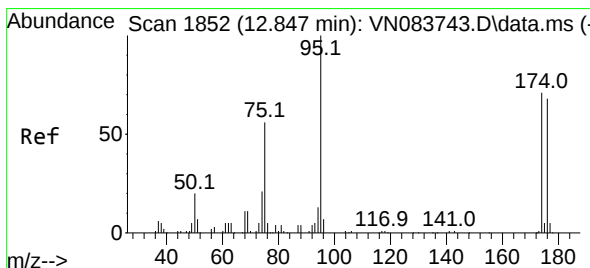
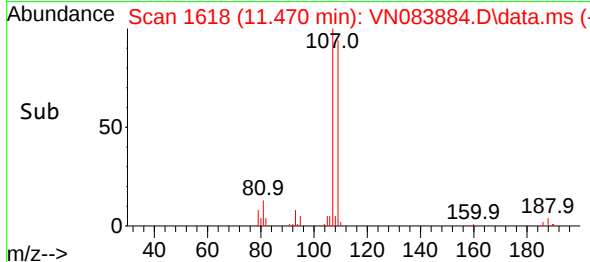
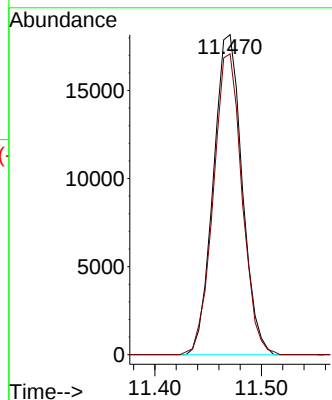
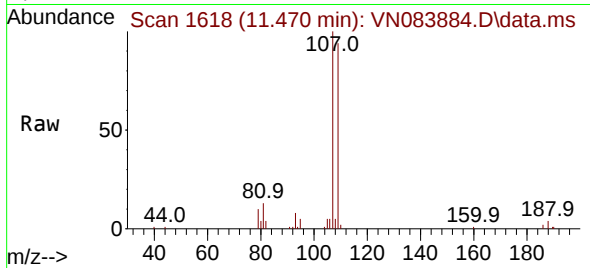




#61
1,2-Dibromoethane
Concen: 21.219 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

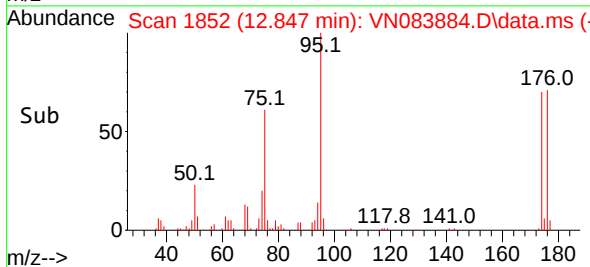
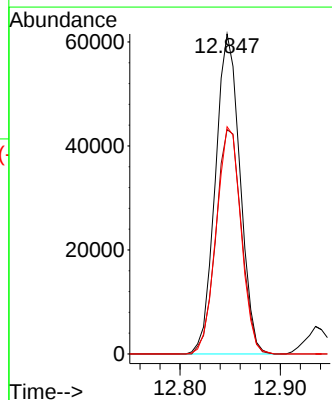
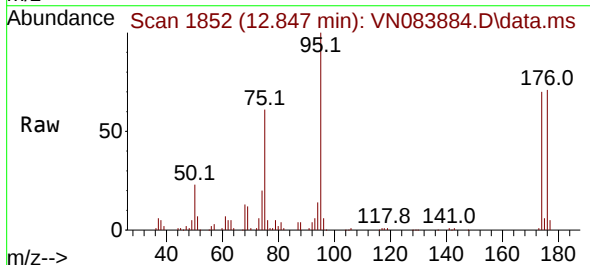
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:107 Resp: 34066
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 95 Resp: 105095
Ion Ratio Lower Upper
95 100
174 72.3 0.0 139.8
176 71.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

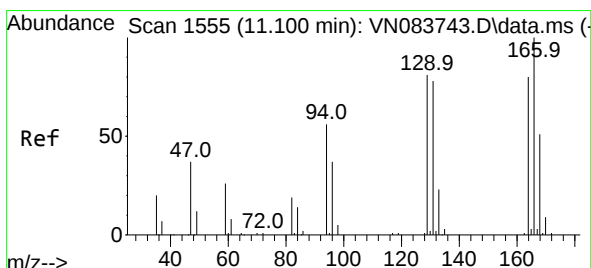
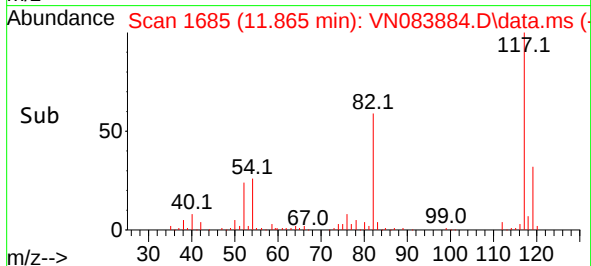
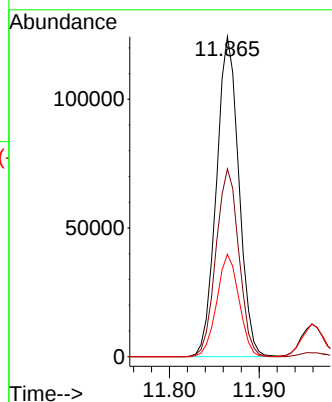
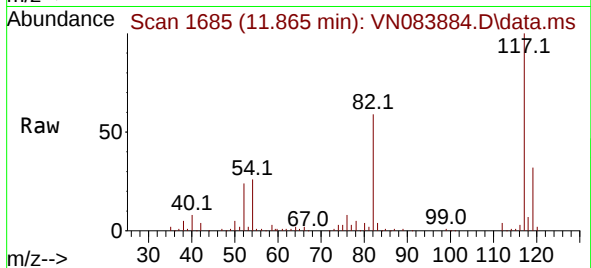
Tgt Ion:117 Resp: 216414

Ion Ratio Lower Upper

117 100

82 58.7 47.4 71.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 19.873 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Tgt Ion:164 Resp: 28601

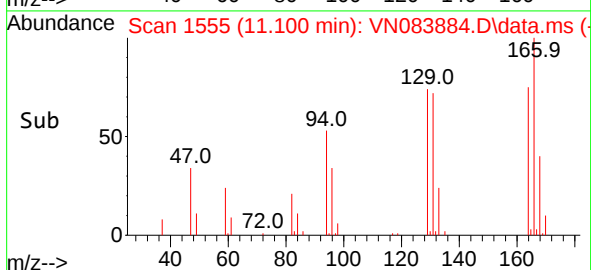
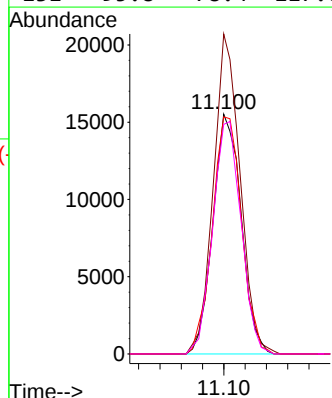
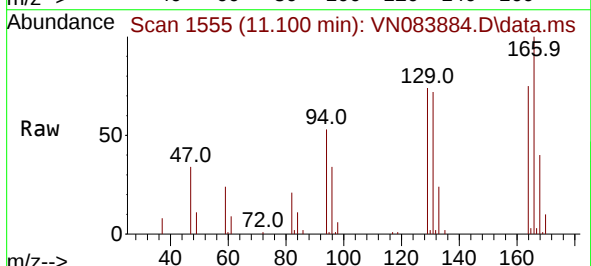
Ion Ratio Lower Upper

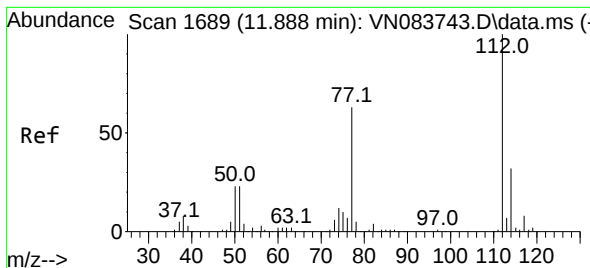
164 100

166 133.4 103.7 155.5

129 98.8 79.9 119.9

131 95.8 78.4 117.6





#65

Chlorobenzene

Concen: 19.774 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

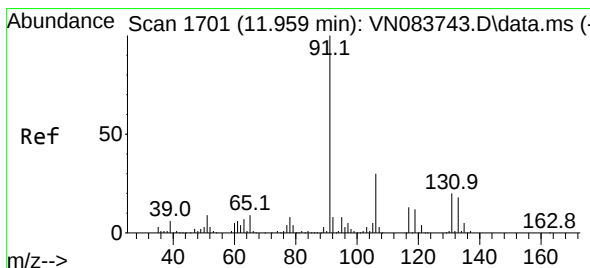
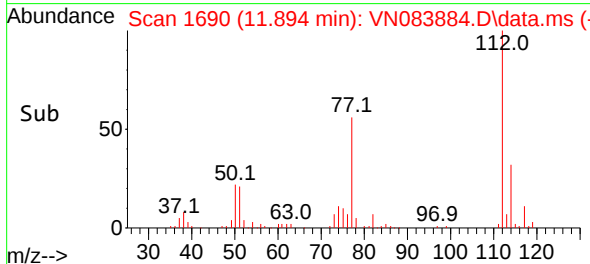
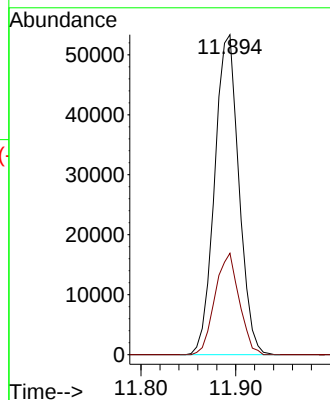
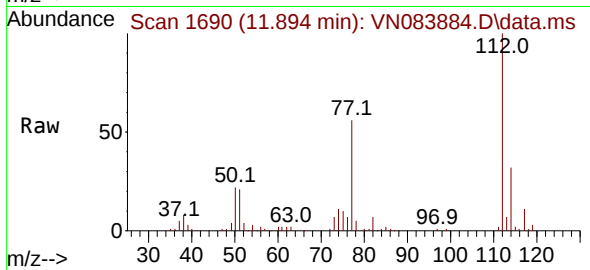
VN0914WBSD01

Tgt Ion:112 Resp: 95112

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

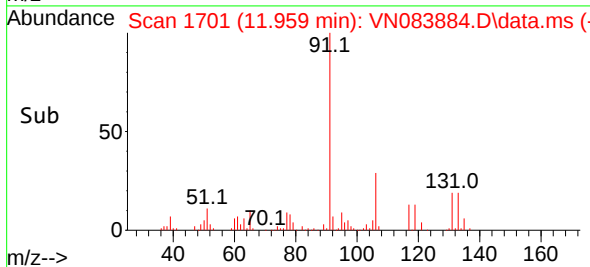
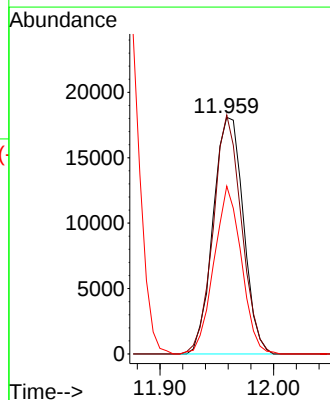
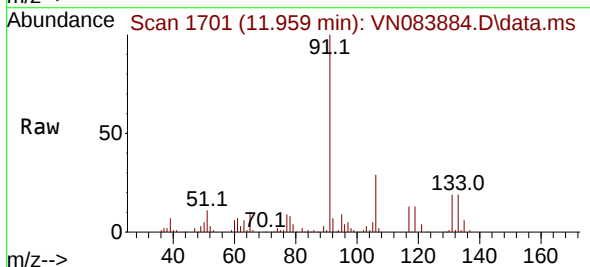
Tgt Ion:131 Resp: 33501

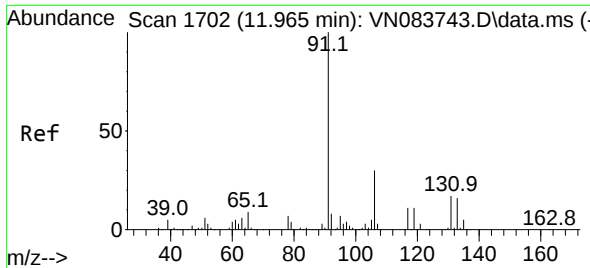
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 64.3 31.6 94.8

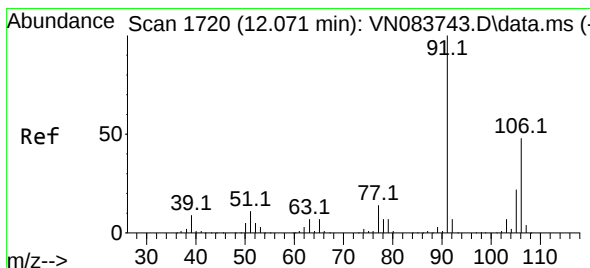
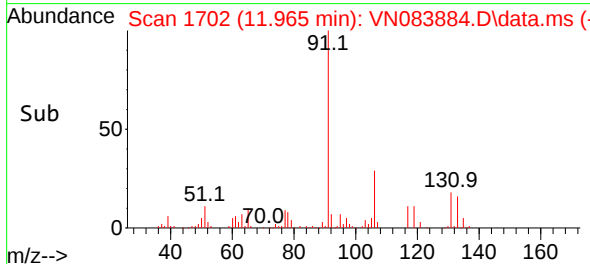
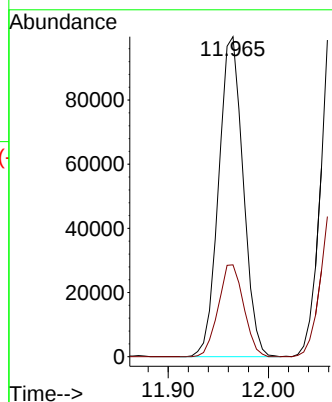
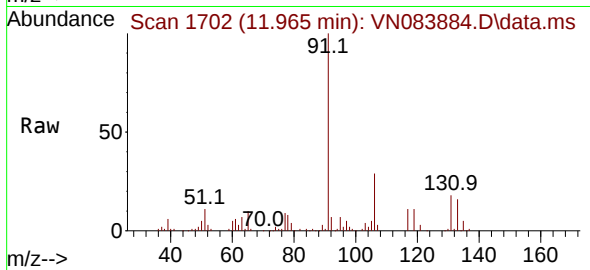




#67
Ethyl Benzene
Concen: 19.791 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

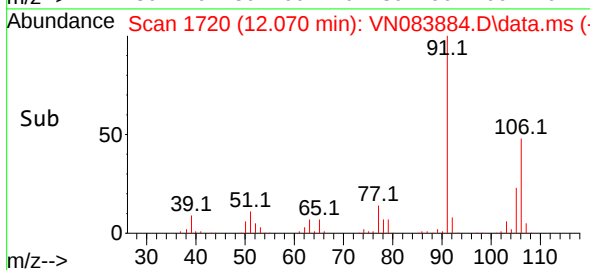
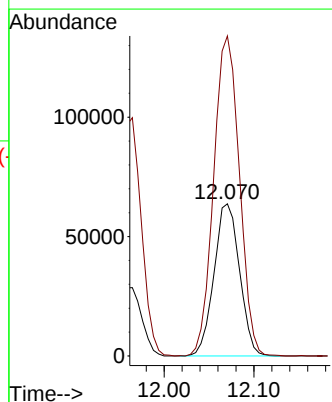
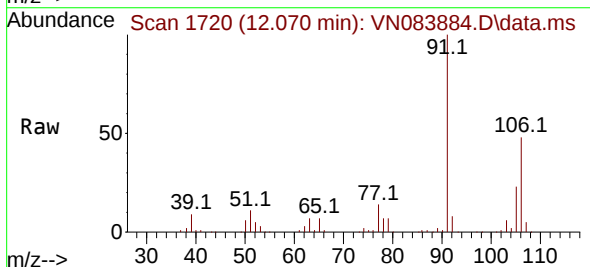
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 91 Resp: 169100
Ion Ratio Lower Upper
91 100
106 28.7 24.3 36.5



#68
m/p-Xylenes
Concen: 39.677 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:106 Resp: 125864
Ion Ratio Lower Upper
106 100
91 212.2 169.2 253.8





#69

o-Xylene

Concen: 19.942 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

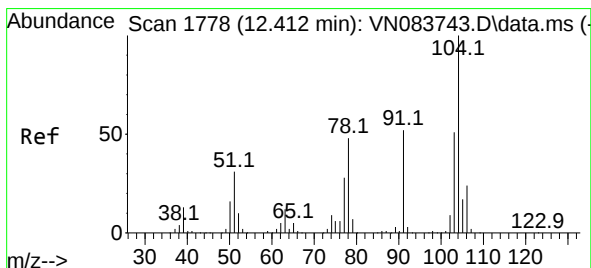
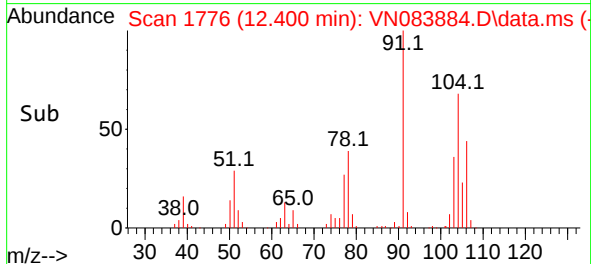
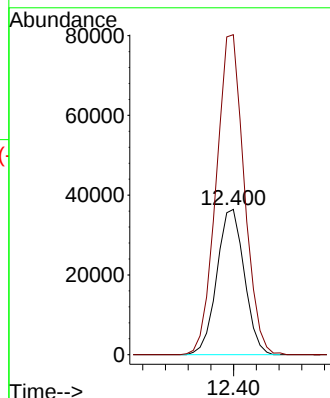
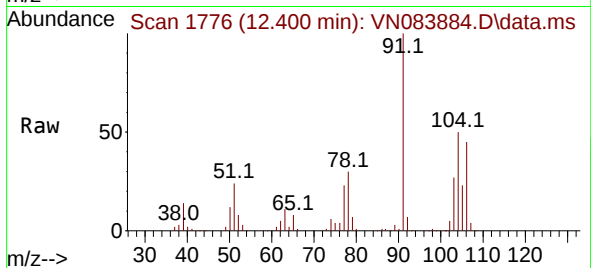
VN0914WBSD01

Tgt Ion:106 Resp: 61242

Ion Ratio Lower Upper

106 100

91 224.1 112.9 338.6



#70

Styrene

Concen: 20.205 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

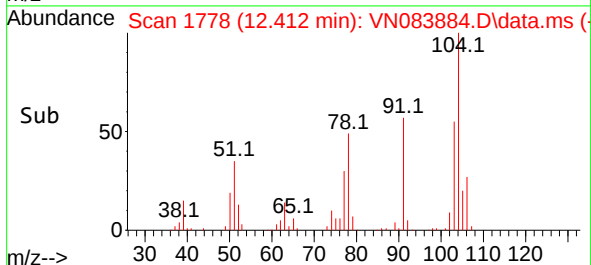
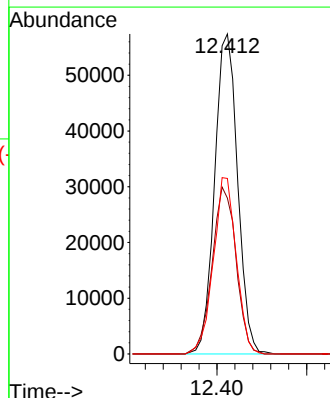
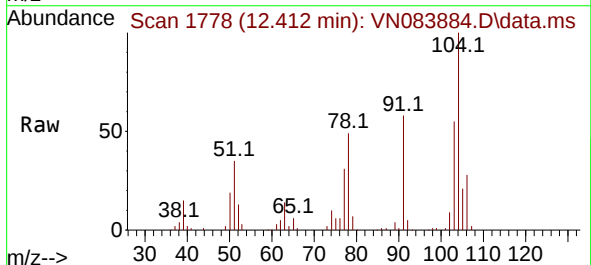
Tgt Ion:104 Resp: 101832

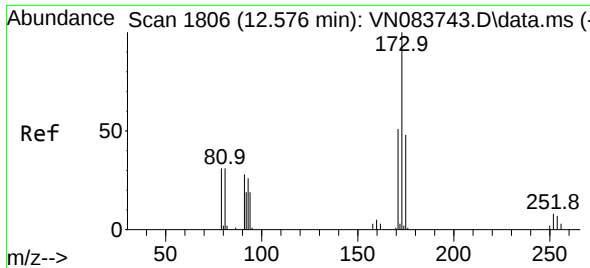
Ion Ratio Lower Upper

104 100

78 54.5 43.3 64.9

103 55.0 43.4 65.2

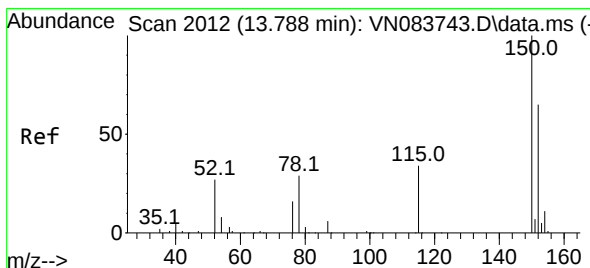
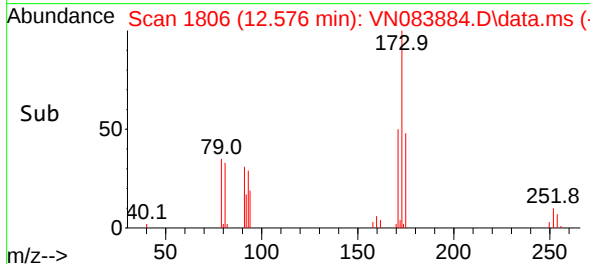
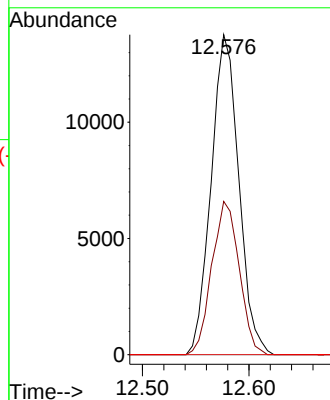
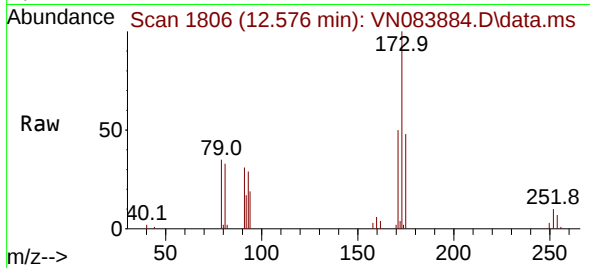




#71
Bromoform
Concen: 22.075 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

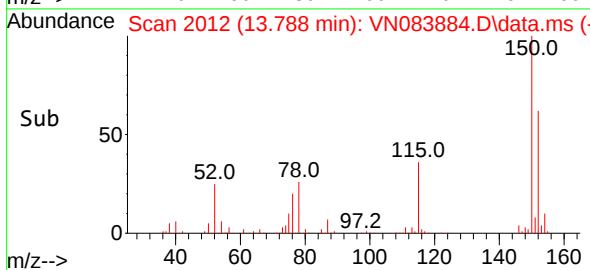
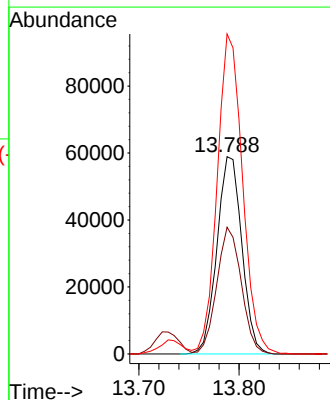
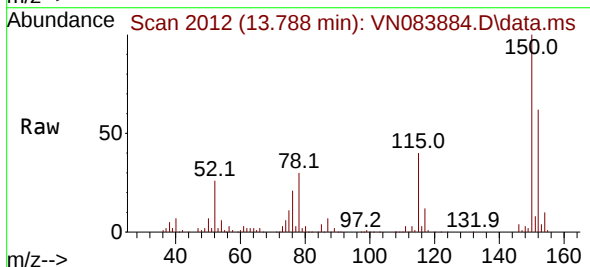
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

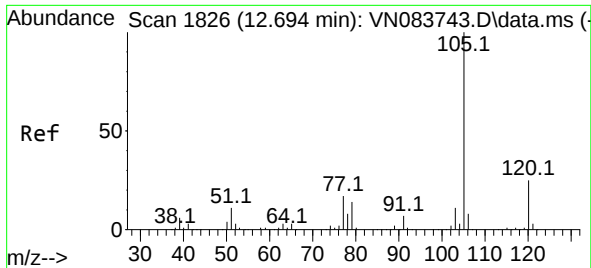
Tgt Ion:173 Resp: 24804
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:152 Resp: 101517
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 165.0 0.0 348.6

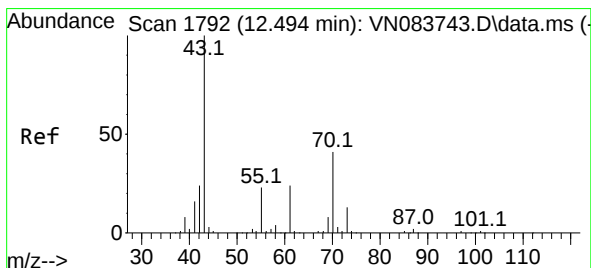
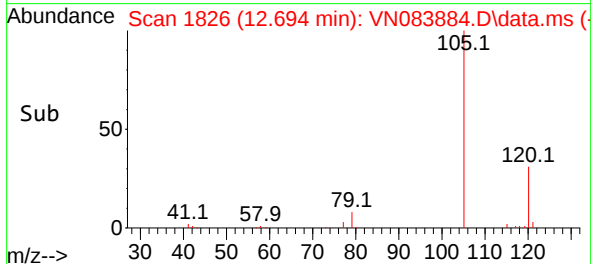
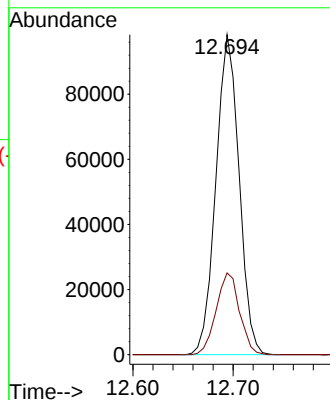
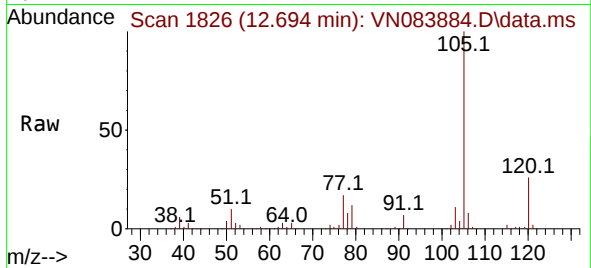




#73
Isopropylbenzene
Concen: 20.040 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

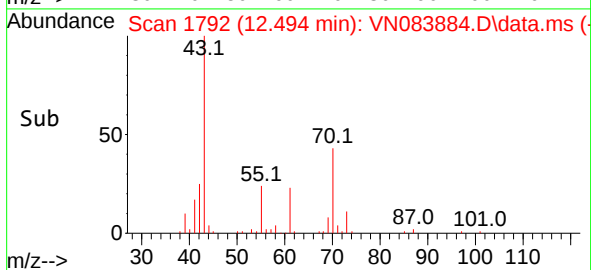
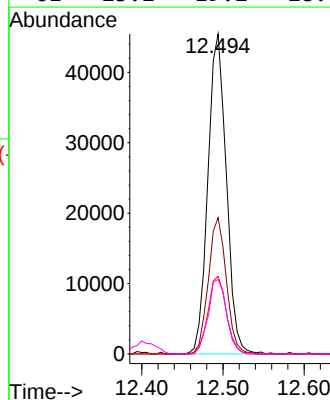
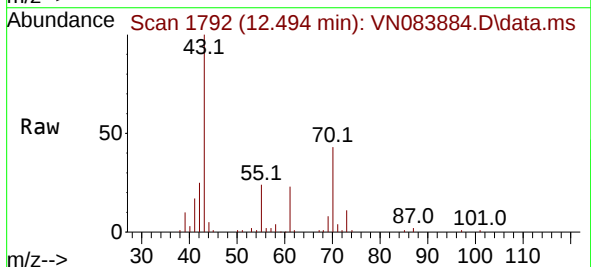
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

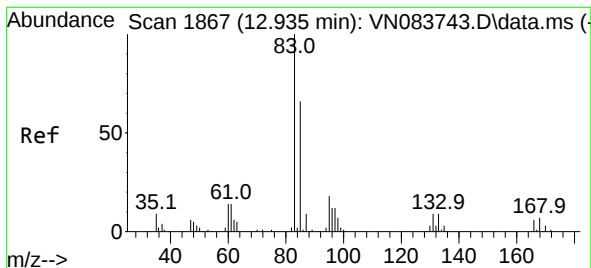
Tgt Ion:105 Resp: 157394
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 21.372 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 43 Resp: 71615
Ion Ratio Lower Upper
43 100
70 41.6 34.5 51.7
55 24.4 18.6 28.0
61 23.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.557 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

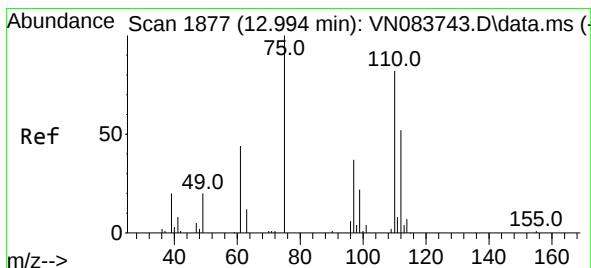
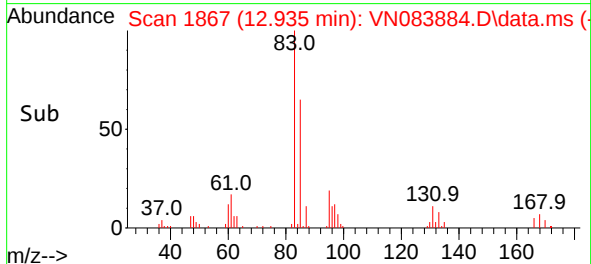
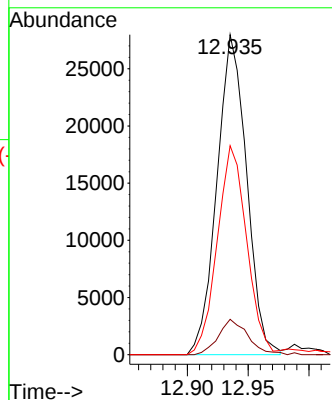
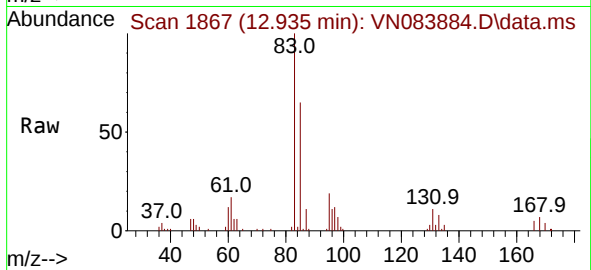
Tgt Ion: 83 Resp: 47439

Ion Ratio Lower Upper

83 100

131 11.1 5.2 15.6

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 31.085 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083884.D

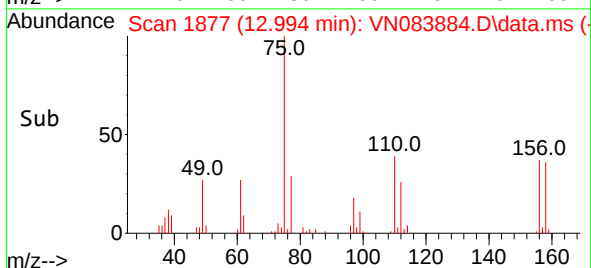
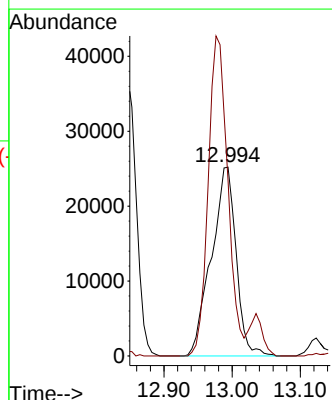
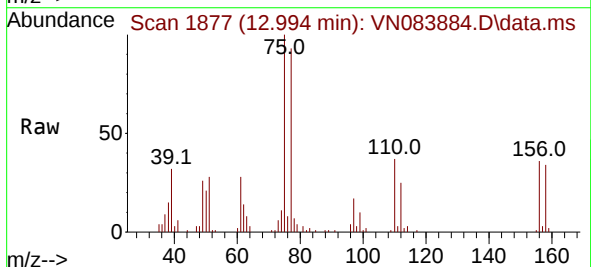
Acq: 14 Sep 2024 12:44

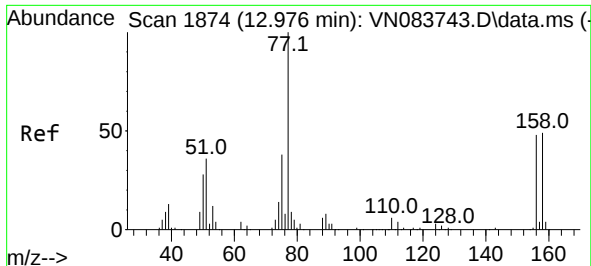
Tgt Ion: 75 Resp: 63675

Ion Ratio Lower Upper

75 100

77 134.0 95.2 285.6

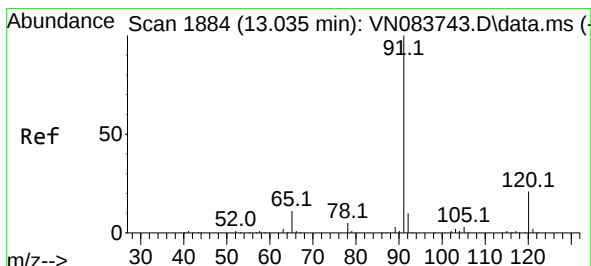
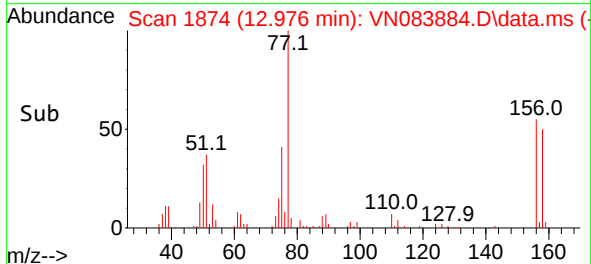
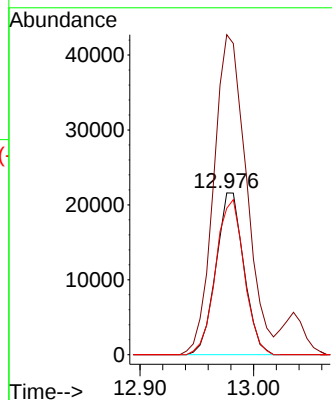
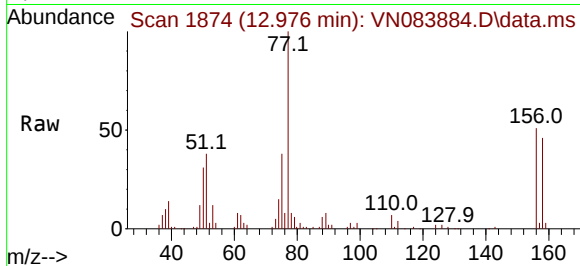




#77
Bromobenzene
Concen: 19.521 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

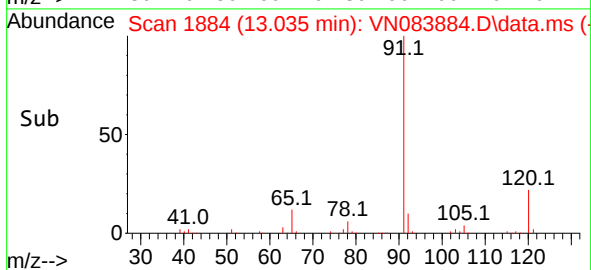
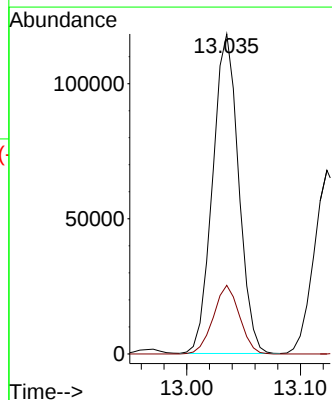
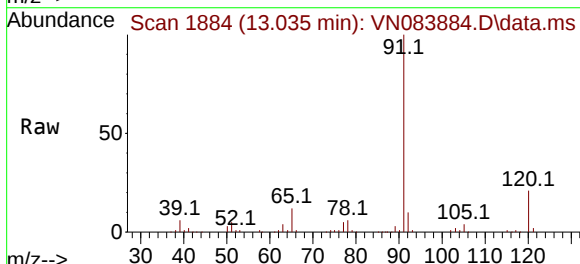
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

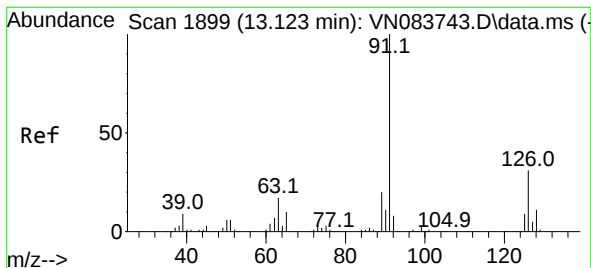
Tgt Ion:156 Resp: 36906
Ion Ratio Lower Upper
156 100
77 231.2 114.3 343.1
158 97.6 48.9 146.7



#78
n-propylbenzene
Concen: 20.564 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 91 Resp: 187915
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.014 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

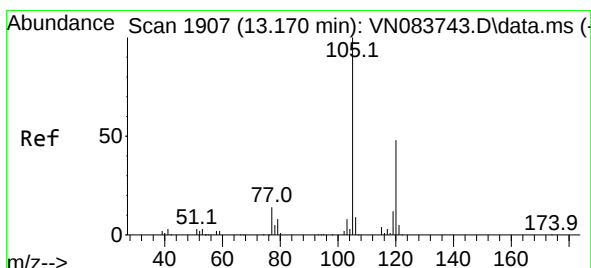
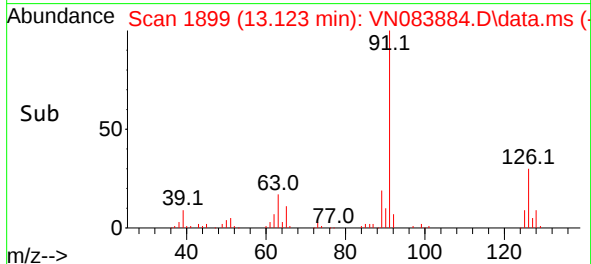
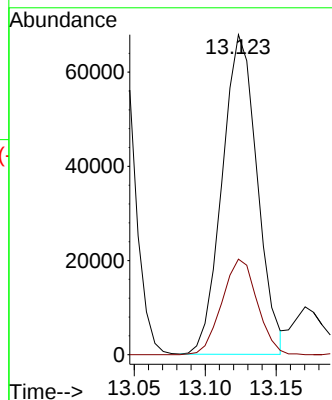
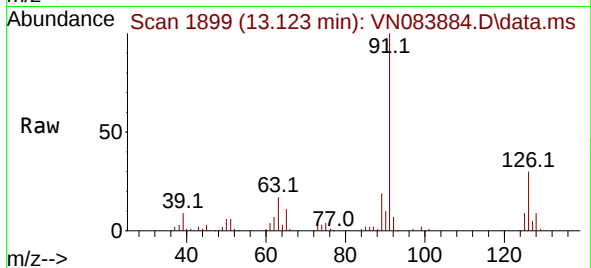
VN0914WBSD01

Tgt Ion: 91 Resp: 116639

Ion Ratio Lower Upper

91 100

126 30.1 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 20.214 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083884.D

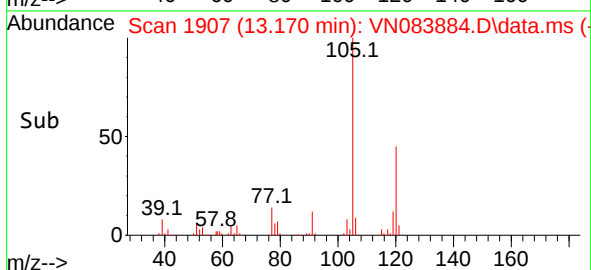
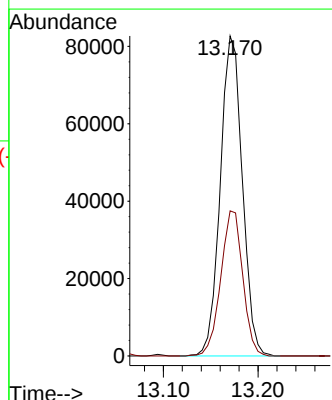
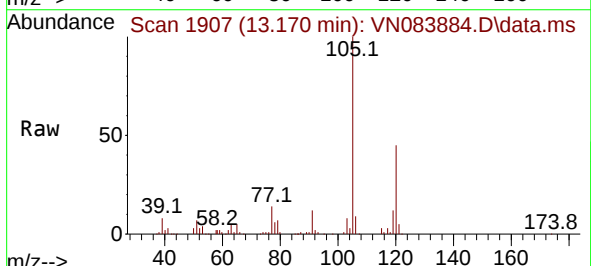
Acq: 14 Sep 2024 12:44

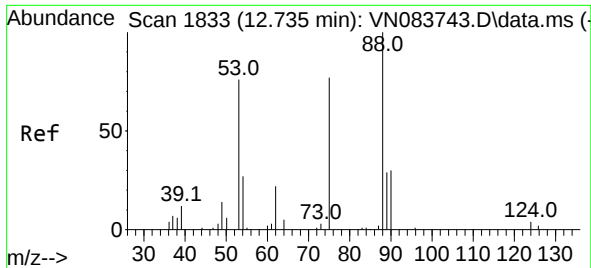
Tgt Ion:105 Resp: 133852

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.3

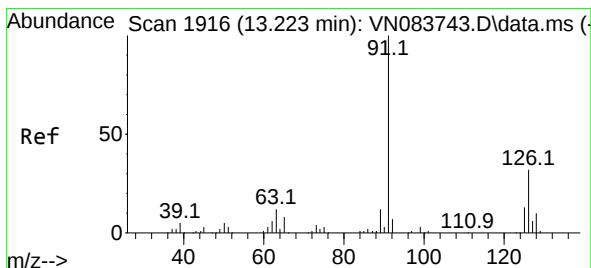
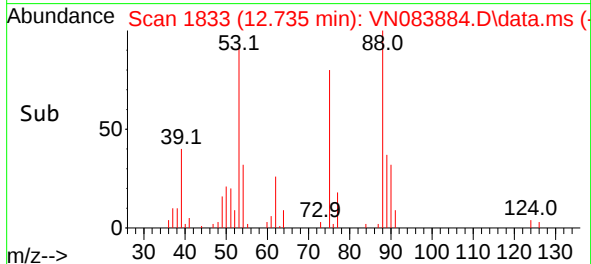
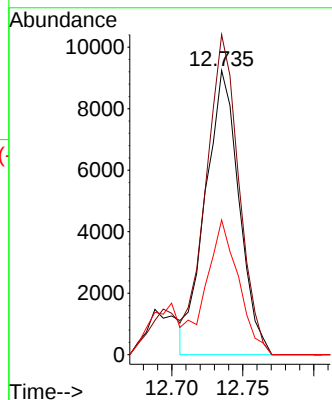
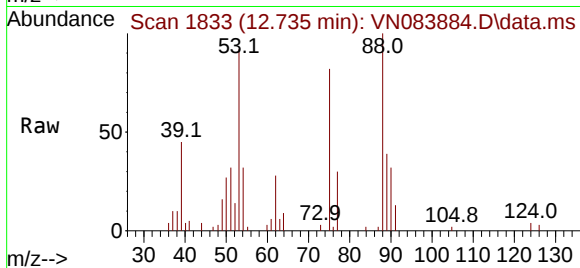




#81
trans-1,4-Dichloro-2-butene
Concen: 19.481 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

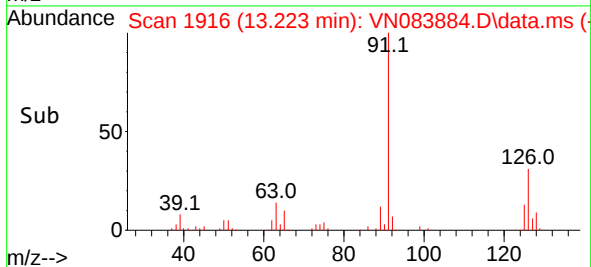
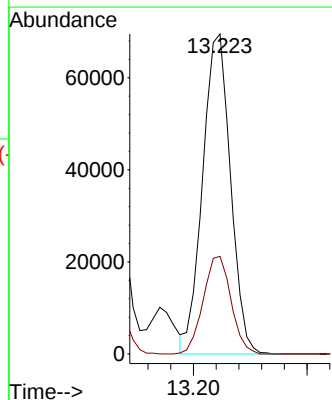
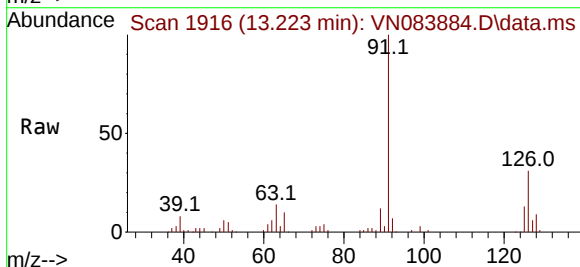
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

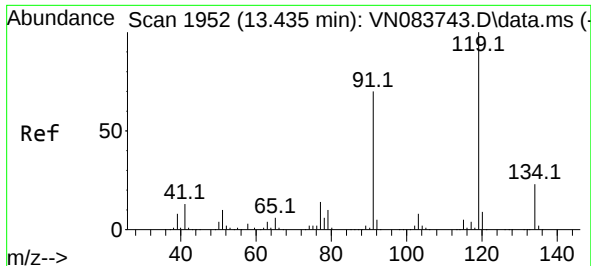
Tgt Ion:	75	Resp:	15236
Ion	Ratio	Lower	Upper
75	100		
53	110.3	81.2	121.8
89	41.6	35.7	53.5



#82
4-Chlorotoluene
Concen: 20.262 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:	91	Resp:	118499
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.2

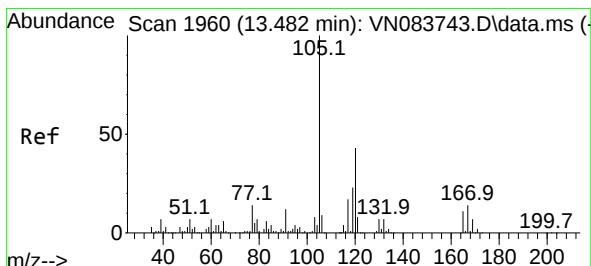
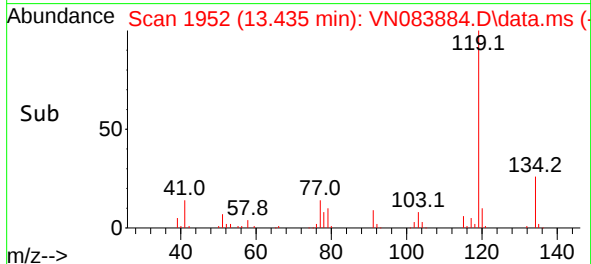
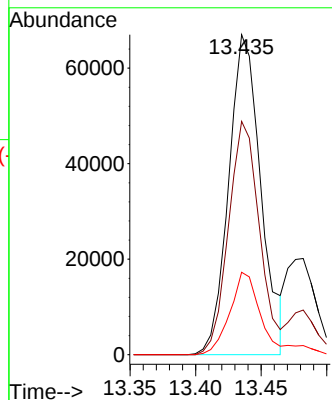
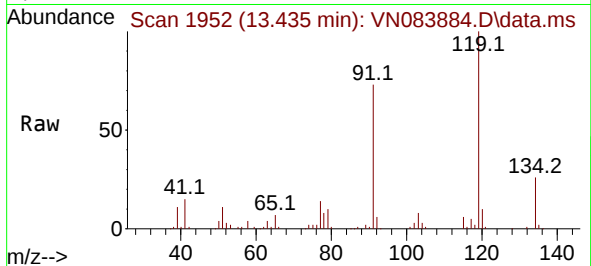




#83
tert-Butylbenzene
Concen: 19.731 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

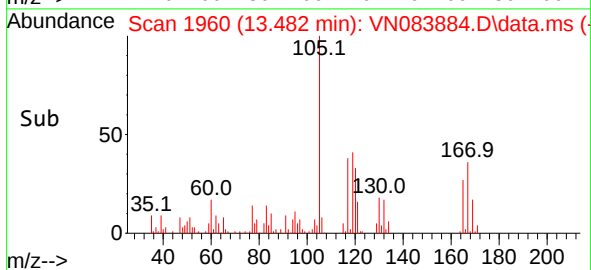
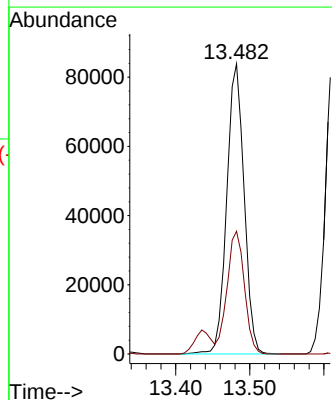
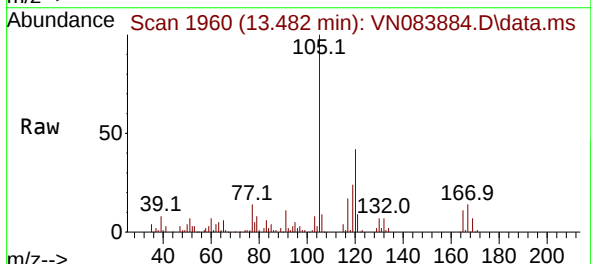
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

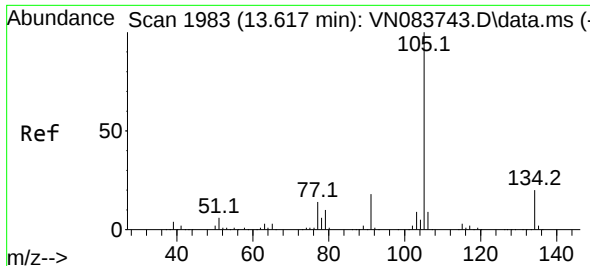
Tgt Ion:119 Resp: 114309
Ion Ratio Lower Upper
119 100
91 70.4 34.5 103.6
134 26.2 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 20.440 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:105 Resp: 135957
Ion Ratio Lower Upper
105 100
120 42.3 21.8 65.4

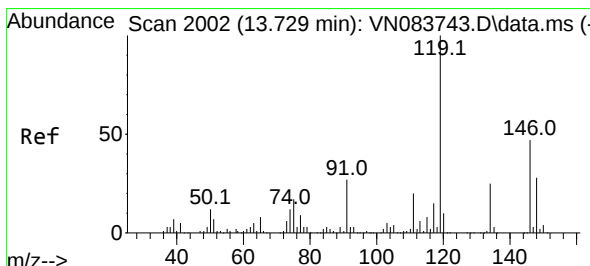
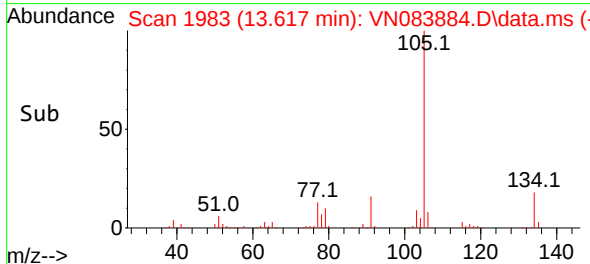
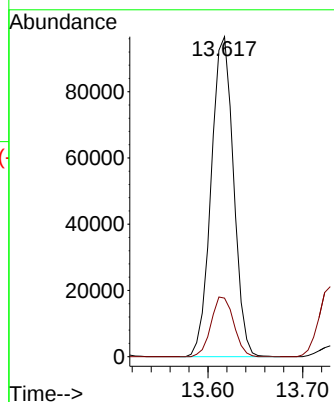
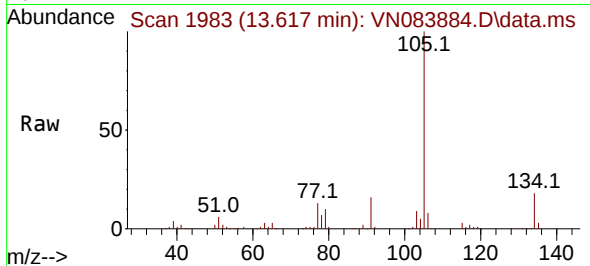




#85
 sec-Butylbenzene
 Concen: 20.611 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

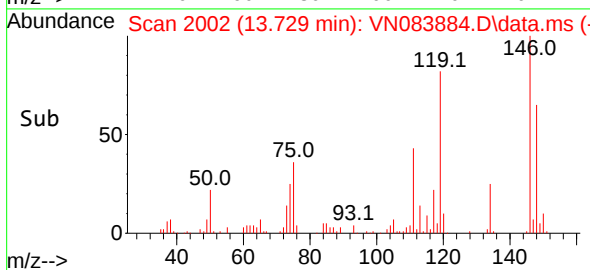
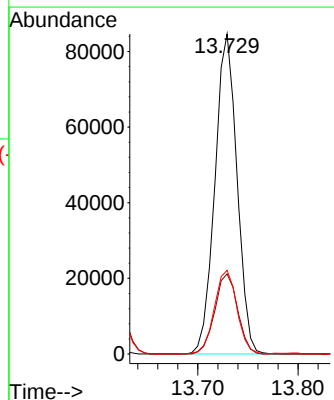
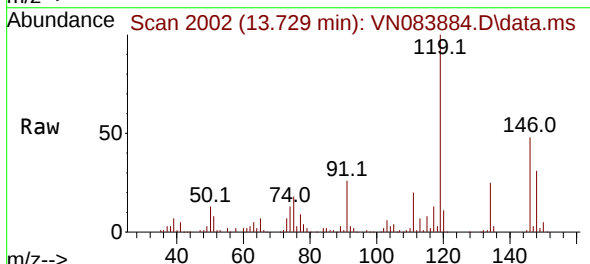
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

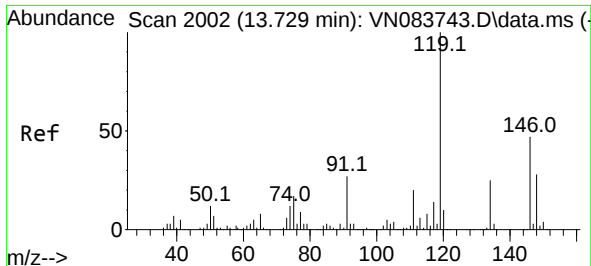
Tgt Ion:105 Resp: 158357
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.093 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

Tgt Ion:119 Resp: 129412
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 26.6 12.9 38.7

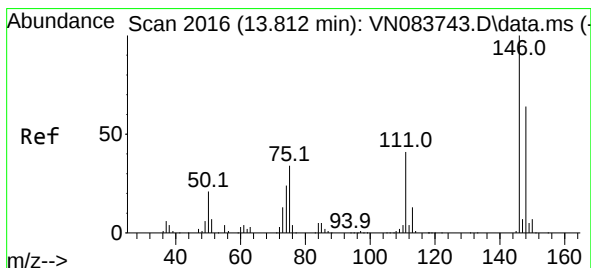
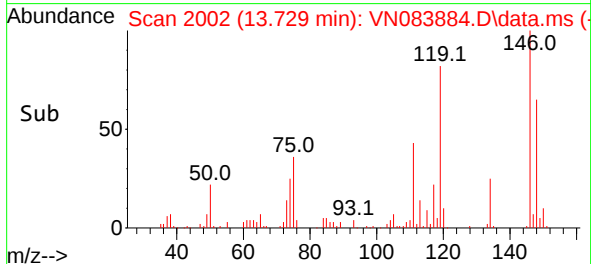
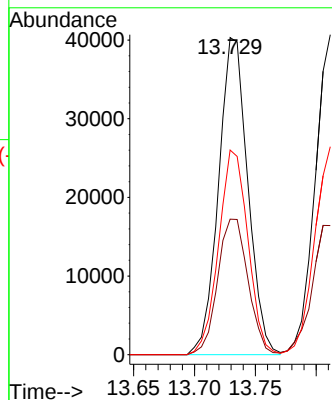
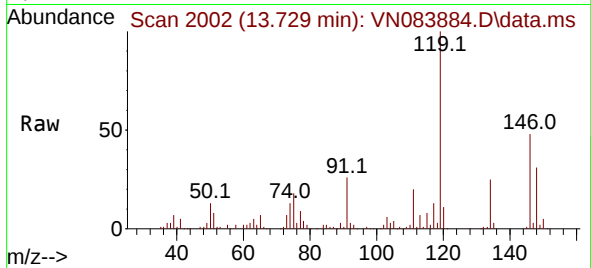




#87
 1,3-Dichlorobenzene
 Concen: 18.915 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

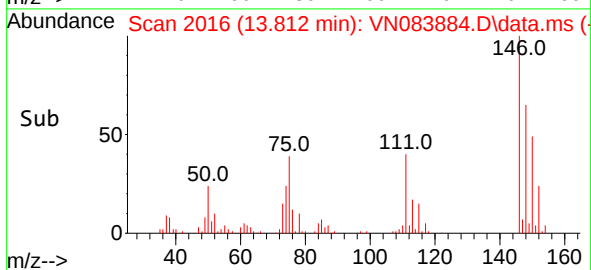
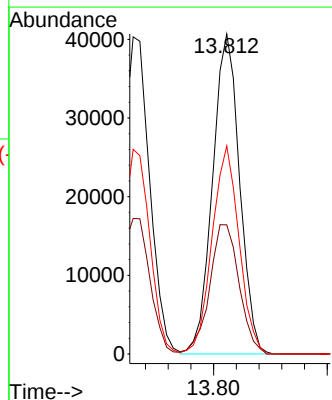
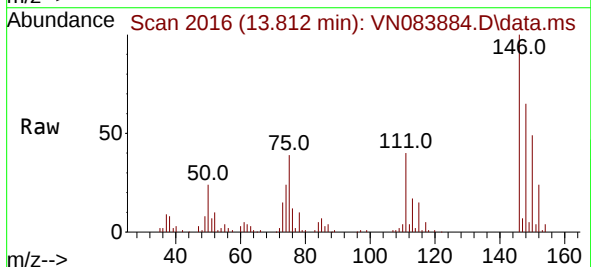
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

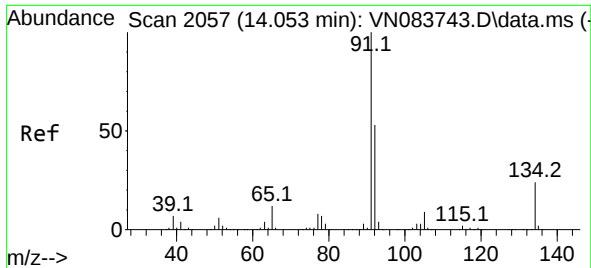
Tgt Ion:146 Resp: 67487
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.7 65.1
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.614 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083884.D
 Acq: 14 Sep 2024 12:44

Tgt Ion:146 Resp: 67247
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.3 64.0
 148 64.9 32.0 96.2

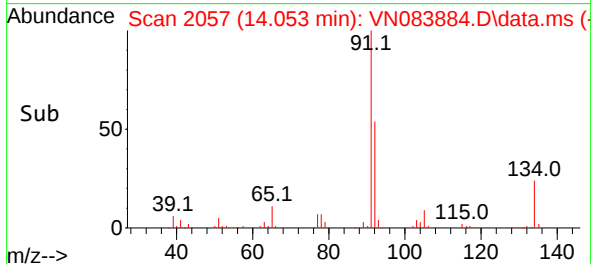
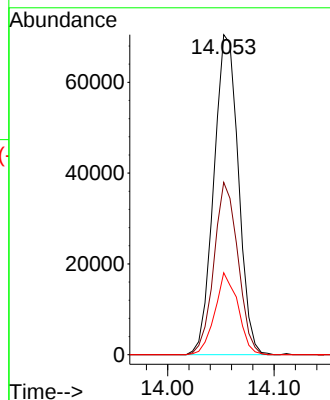
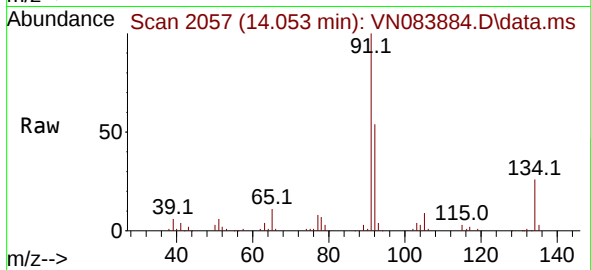




#89
n-Butylbenzene
Concen: 19.506 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

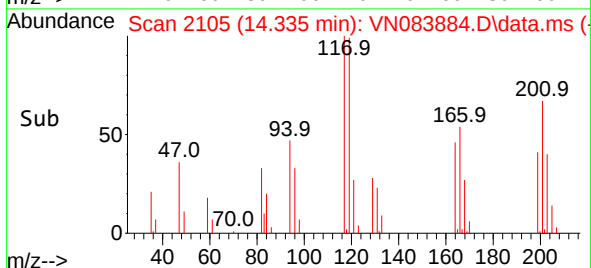
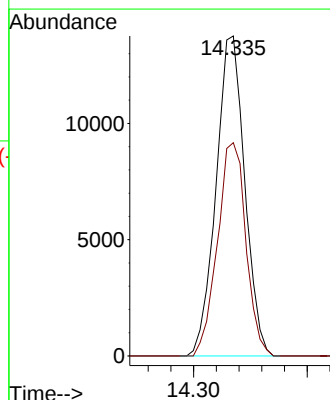
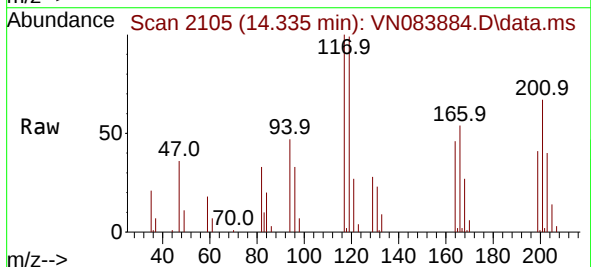
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

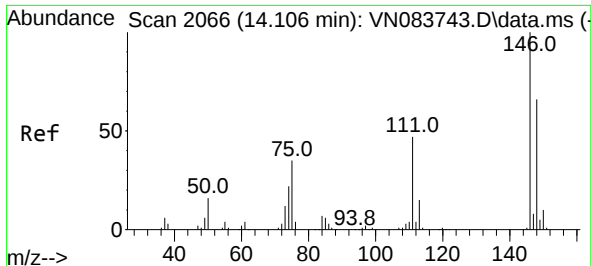
Tgt Ion: 91 Resp: 112795
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 24.1 12.2 36.4



#90
Hexachloroethane
Concen: 18.643 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 117 Resp: 24137
Ion Ratio Lower Upper
117 100
201 66.0 32.8 98.3

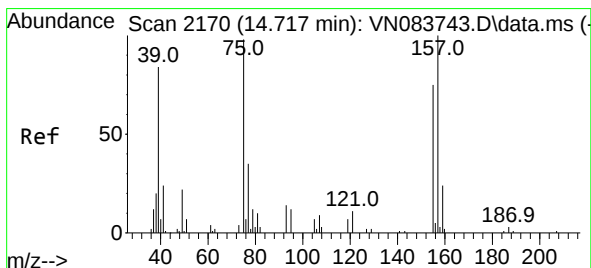
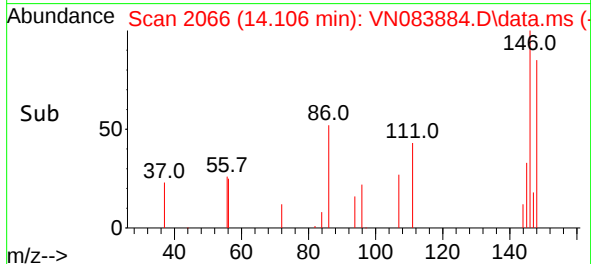
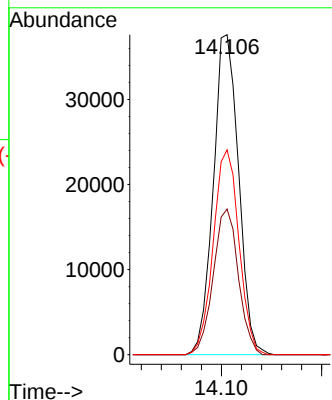
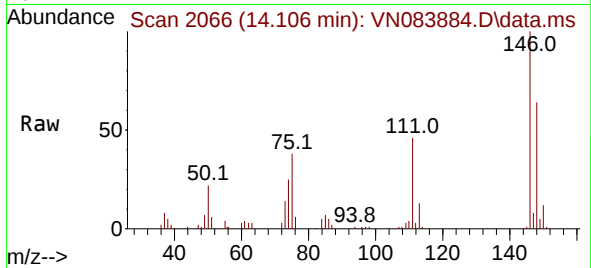




#91
1,2-Dichlorobenzene
Concen: 19.115 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

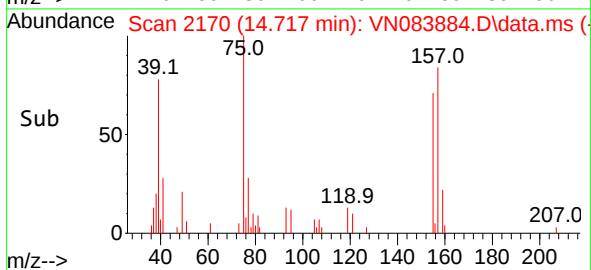
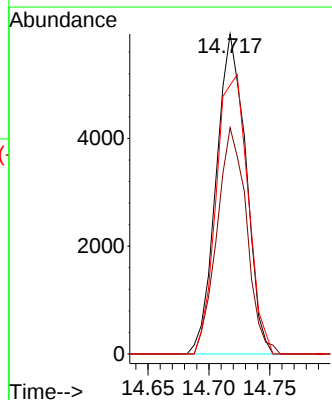
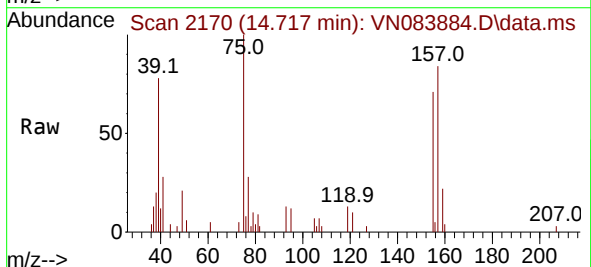
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

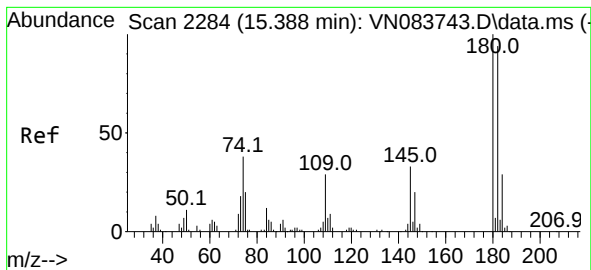
Tgt Ion:146 Resp: 65822
Ion Ratio Lower Upper
146 100
111 45.3 22.8 68.3
148 65.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.845 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion: 75 Resp: 10049
Ion Ratio Lower Upper
75 100
155 70.5 35.9 107.7
157 93.5 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 17.863 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

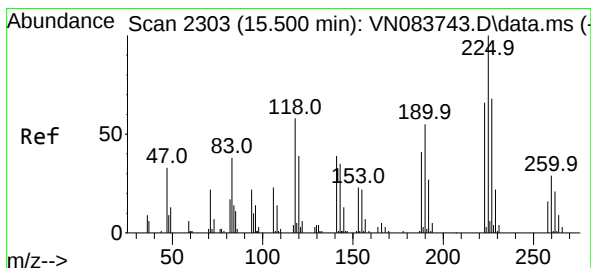
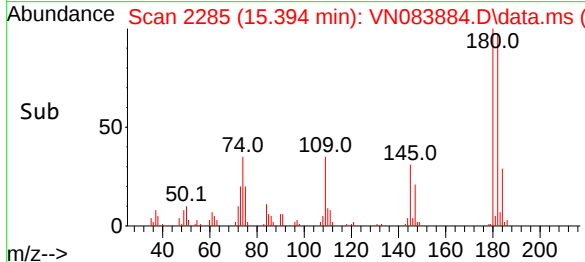
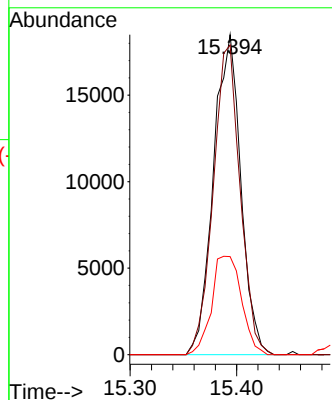
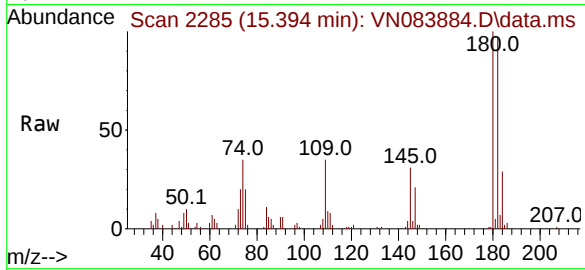
Tgt Ion:180 Resp: 33008

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 33.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.712 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083884.D

Acq: 14 Sep 2024 12:44

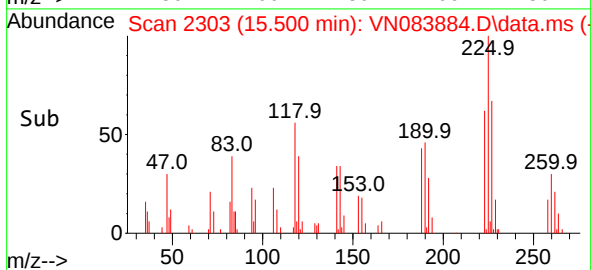
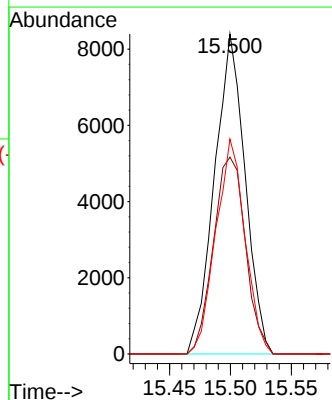
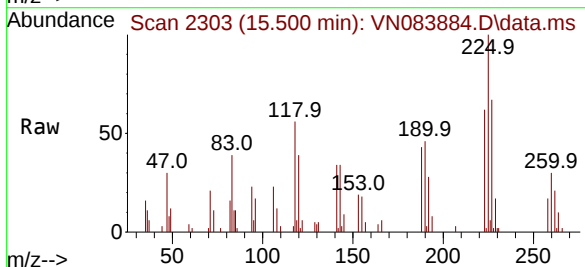
Tgt Ion:225 Resp: 14684

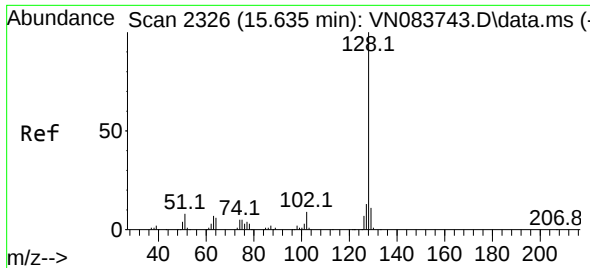
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.5

227 64.1 32.0 96.2

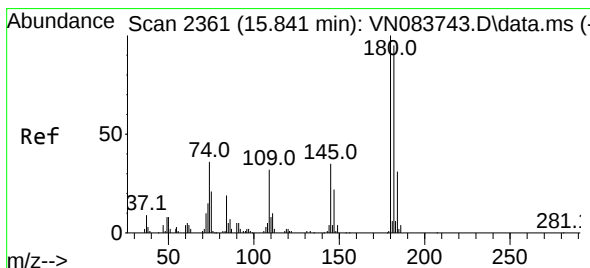
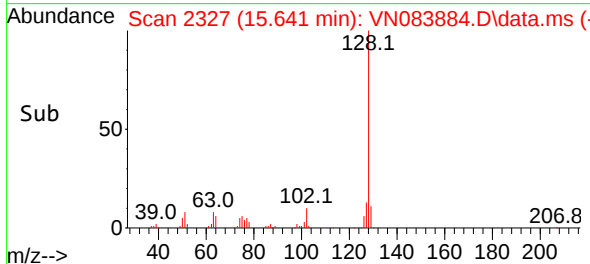
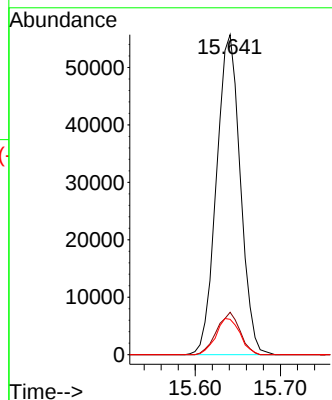
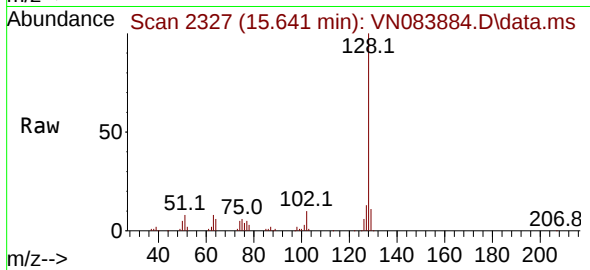




#95
Naphthalene
Concen: 19.245 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:128 Resp: 108187
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.494 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083884.D
Acq: 14 Sep 2024 12:44

Tgt Ion:180 Resp: 32659
Ion Ratio Lower Upper
180 100
182 96.4 47.1 141.4
145 35.8 17.8 53.5

